

NIM GROUP

Product & Reference Guide 2023



Metalwest

BRIGHTON, CO
ALBUQUERQUE, NM
OGDEN, UT
BOISE, ID
LAS VEGAS, NV
NEW CENTURY, KS
GARLAND, TX
MONROE TWP., NJ

NIM

NORFOLK, NE
DURANT, IA
ROCK ISLAND, IL
GREELEY, CO
WINDSOR, CO
EMPORIA, KS
TULSA, OK

CNA Metals

SPOKANE, WA
COEUR D'ALENE, ID
MISSOULA, MT

www.nimgroup.com

NIM GROUP

CARRY YOURSELF LIKE A PRO

Represent our company professionally to the best of your ability. Treat our customers, coworkers, suppliers, and communities with the respect that they deserve. Adversity is met head on and worked through in a positive manner.

CELEBRATE SUCCESS, BUT WHAT'S NEXT?

We are never fully satisfied. We will compete and win. We will celebrate the win while looking to our next challenge and opportunity. We are relentless in our pursuit of improvement and success. Always looking to the future.

EMPOWERMENT FOR THE PATH FROM A TO B

Make the best decisions to accomplish our goals. Team members are expected to work within our values and culture to meet our customer's expectations.

This goes hand in hand with the next value. Empowerment allows us to be NIMble in our decision making, and accountability ensures that we are meeting our customer's needs.

ACCOUNTABILITY TO THE STANDARD

With empowerment comes accountability. Our customers have high expectations, and it is our responsibility to meet them.

DECISIONS WITH A LONG-TERM HORIZON

Our company is over 100 years old. We intend to continue to grow the company long into the future and we want decisions made with that long-term horizon in mind. We want to capitalize on short term opportunities, but never lose site of the big picture.

Dear Customer,

Since 1908, Norfolk Iron & Metal has been dedicated to you, our customers. For over 100 years, we have continually grown and expanded to better meet your steel requirements.

NIM Group was created from multiple acquisitions completed by Norfolk Iron & Metal (Norfolk Iron) to create a parent identity for each of its brands, Norfolk Iron, Metalwest, and Cd'A Metals.

NIM Group now represents three strong companies in the metals industry. We look forward to continued growth in our existing geographics and product offerings, as well as with future acquisitions.

Thank you for your past and future business. I am sure that our relationship will be long and pleasant.

Sincerely,

A handwritten signature in black ink that reads "Richard A. Robinson". The signature is written in a cursive, flowing style.

Richard A. Robinson
Chairman & CEO
NIM Group

VALUE-ADDED SERVICES

NIM Group is committed to meet the ever changing needs of our customers with our pre-fabrication capabilities.

As a company, we want to provide first-step processing of our stock steel products to all facets of the steel industry. Not only to our customers in the manufacturing, energy, industrial, automotive, irrigation, transportation, and agricultural industries, but to structural fabricators, job shops, and service centers as well.

Value-added equipment and services have been added as an important tool to meet the expectations of today's cost-cutting measures of our customer base. We have attempted to establish services and equipment to add value and provide "Just-In-Time" services to our customers.

In addition, we subcontract out additional processing services such as plate shot blasting, pickling & oiling, galvanizing and rolling of plate. Contact your nearest sales office for more information.

ALL PRODUCTS ARE SUBJECT TO AVAILABILITY AND MAY
NOT BE AVAILABLE AT ALL LOCATIONS.

ALL DIMENSIONS AND WEIGHTS IN THIS BOOK
ARE SUBJECT TO MILL SPECIFICATONS
AND TOLERANCES.

INQUIRE REGARDING ANY SIZES OR
GRADES NOT LISTED.

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CARBON

ANGLES

ANGLE SPECIFICATIONS

Bar Size & Structural Angles

Our stock Carbon Bar Size and Structural Angles are typically dual certified to ASTM A36 and ASTM A529 Grade 50. With minimum yield strengths of 50 KSI and maximum tensile strengths of 80 KSI, these products are ideal for structural applications.

ANGLES - BAR SIZE

A36/Grade 50



| Size | | | | | Lbs./Ft. | Lbs./20' | Item # |
|-------|---|-------|---|------|----------|----------|--------|
| A | | B | | C | | | |
| 1/2 | X | 1/2 | X | 1/8 | .38 | 7.60 | 00016 |
| 3/4 | X | 3/4 | X | 1/8 | .59 | 11.80 | 00021 |
| 1 | X | 1 | X | 1/8 | .80 | 16.00 | 00005 |
| 1 | X | 1 | X | 3/16 | 1.16 | 23.20 | 00006 |
| 1 | X | 1 | X | 1/4 | 1.49 | 29.80 | 00007 |
| 1 1/4 | X | 1 1/4 | X | 1/8 | 1.01 | 20.20 | 00009 |
| 1 1/4 | X | 1 1/4 | X | 3/16 | 1.48 | 29.60 | 00031 |
| 1 1/4 | X | 1 1/4 | X | 1/4 | 1.92 | 38.40 | 00038 |
| 1 1/2 | X | 1 1/2 | X | 3/16 | 1.80 | 36.00 | 00047 |
| 1 1/2 | X | 1 1/2 | X | 1/4 | 2.34 | 46.80 | 00063 |
| 1 1/2 | X | 1 1/2 | X | 3/8 | 3.35 | 67.00 | 49502 |
| 1 3/4 | X | 1 3/4 | X | 1/8 | 1.44 | 28.80 | 00075 |
| 1 3/4 | X | 1 3/4 | X | 3/16 | 2.12 | 42.40 | 00085 |
| 1 3/4 | X | 1 3/4 | X | 1/4 | 2.77 | 55.40 | 00089 |
| 2 | X | 1 1/2 | X | 1/8 | 1.44 | 28.80 | 00136 |
| 2 | X | 1 1/2 | X | 3/16 | 2.12 | 42.40 | 00145 |
| 2 | X | 1 1/2 | X | 1/4 | 2.77 | 55.40 | 00155 |
| 2 | X | 2 | X | 1/8 | 1.65 | 33.00 | 00166 |
| 2 | X | 2 | X | 3/16 | 2.44 | 48.80 | 00175 |
| 2 | X | 2 | X | 1/4 | 3.19 | 63.80 | 00184 |
| 2 | X | 2 | X | 5/16 | 3.92 | 78.40 | 00189 |
| 2 | X | 2 | X | 3/8 | 4.70 | 94.00 | 00210 |
| 2 1/2 | X | 1 1/2 | X | 3/16 | 2.44 | 48.80 | 00213 |
| 2 1/2 | X | 1 1/2 | X | 1/4 | 3.19 | 63.80 | 00228 |
| 2 1/2 | X | 2 | X | 3/16 | 2.75 | 55.00 | 00238 |
| 2 1/2 | X | 2 | X | 1/4 | 3.62 | 72.40 | 00249 |
| 2 1/2 | X | 2 | X | 5/16 | 4.50 | 90.00 | 00262 |
| 2 1/2 | X | 2 | X | 3/8 | 5.30 | 106.00 | 00274 |
| 2 1/2 | X | 2 1/2 | X | 3/16 | 3.07 | 61.40 | 00291 |
| 2 1/2 | X | 2 1/2 | X | 1/4 | 4.10 | 82.00 | 00326 |
| 2 1/2 | X | 2 1/2 | X | 5/16 | 5.00 | 100.00 | 00329 |
| 2 1/2 | X | 2 1/2 | X | 3/8 | 5.90 | 118.00 | 00332 |
| 2 1/2 | X | 2 1/2 | X | 1/2 | 7.70 | 154.00 | 01964 |

INQUIRE REGARDING: Other grades & sizes

ANGLES - STRUCTURAL

A36/Grade 50



| Size | | | | | Lbs./Ft. | Lbs./20' | Item # |
|-------|---|-------|---|------|----------|----------|--------|
| A | | B | | C | | | |
| 3 | x | 2 | x | 3/16 | 3.07 | 61.40 | 00039 |
| 3 | x | 2 | x | 1/4 | 4.10 | 82.00 | 00044 |
| 3 | x | 2 | x | 5/16 | 5.00 | 100.00 | 00048 |
| 3 | x | 2 | x | 3/8 | 5.90 | 118.00 | 00052 |
| 3 | x | 2 | x | 1/2 | 7.70 | 154.00 | 00054 |
| 3 | x | 2 1/2 | x | 1/4 | 4.50 | 90.00 | 00062 |
| 3 | x | 2 1/2 | x | 3/8 | 6.60 | 132.00 | 00070 |
| 3 | x | 3 | x | 3/16 | 3.71 | 74.20 | 00079 |
| 3 | x | 3 | x | 1/4 | 4.90 | 98.00 | 00097 |
| 3 | x | 3 | x | 5/16 | 6.10 | 122.00 | 00109 |
| 3 | x | 3 | x | 3/8 | 7.20 | 144.00 | 00115 |
| 3 | x | 3 | x | 1/2 | 9.40 | 188.00 | 00137 |
| 3 1/2 | x | 2 1/2 | x | 1/4 | 4.90 | 98.00 | 00142 |
| 3 1/2 | x | 2 1/2 | x | 5/16 | 6.10 | 122.00 | 00144 |
| 3 1/2 | x | 2 1/2 | x | 3/8 | 7.20 | 144.00 | 00150 |
| 3 1/2 | x | 3 | x | 1/4 | 5.40 | 108.00 | 00156 |
| 3 1/2 | x | 3 | x | 5/16 | 6.60 | 132.00 | 00161 |
| 3 1/2 | x | 3 | x | 3/8 | 7.90 | 158.00 | 00169 |
| 3 1/2 | x | 3 1/2 | x | 1/4 | 5.80 | 116.00 | 00188 |
| 3 1/2 | x | 3 1/2 | x | 5/16 | 7.20 | 144.00 | 00197 |
| 3 1/2 | x | 3 1/2 | x | 3/8 | 8.50 | 170.00 | 00203 |
| 3 1/2 | x | 3 1/2 | x | 1/2 | 11.10 | 222.00 | 00438 |
| 4 | x | 3 | x | 1/4 | 5.80 | 116.00 | 00049 |
| 4 | x | 3 | x | 5/16 | 7.20 | 144.00 | 00056 |
| 4 | x | 3 | x | 3/8 | 8.50 | 170.00 | 00068 |
| 4 | x | 3 | x | 1/2 | 11.10 | 222.00 | 00080 |
| 4 | x | 3 1/2 | x | 1/4 | 6.20 | 124.00 | 00091 |
| 4 | x | 3 1/2 | x | 5/16 | 7.70 | 154.00 | 00104 |
| 4 | x | 3 1/2 | x | 3/8 | 9.10 | 182.00 | 00116 |
| 4 | x | 3 1/2 | x | 1/2 | 11.90 | 238.00 | 00126 |
| 4 | x | 4 | x | 1/4 | 6.60 | 132.00 | 00141 |
| 4 | x | 4 | x | 5/16 | 8.20 | 164.00 | 00149 |
| 4 | x | 4 | x | 3/8 | 9.80 | 196.00 | 00157 |
| 4 | x | 4 | x | 1/2 | 12.80 | 256.00 | 00162 |
| 4 | x | 4 | x | 3/4 | 18.50 | 370.00 | 20243 |
| 5 | x | 3 | x | 1/4 | 6.60 | 132.00 | 00275 |
| 5 | x | 3 | x | 5/16 | 8.20 | 164.00 | 00285 |
| 5 | x | 3 | x | 3/8 | 9.80 | 196.00 | 00400 |
| 5 | x | 3 | x | 1/2 | 12.80 | 256.00 | 00324 |

ANGLES - STRUCTURAL

A36/Grade 50



| Size | | | | | Lbs./Ft. | Lbs./20' | Item # |
|------|---|-------|---|------|----------|----------|--------|
| A | | B | | C | | | |
| 5 | X | 3 1/2 | X | 1/4 | 7.00 | 140.00 | 00333 |
| 5 | X | 3 1/2 | X | 5/16 | 8.70 | 174.00 | 00336 |
| 5 | X | 3 1/2 | X | 3/8 | 10.40 | 208.00 | 00339 |
| 5 | X | 3 1/2 | X | 1/2 | 13.60 | 272.00 | 00343 |
| 5 | X | 5 | X | 5/16 | 10.30 | 206.00 | 00340 |
| 5 | X | 5 | X | 3/8 | 12.30 | 246.00 | 00344 |
| 5 | X | 5 | X | 1/2 | 16.20 | 324.00 | 00348 |
| 5 | X | 5 | X | 5/8 | 20.00 | 800.00 | 17248 |
| 6 | X | 3 1/2 | X | 5/16 | 9.80 | 196.00 | 00174 |
| 6 | X | 3 1/2 | X | 3/8 | 11.70 | 234.00 | 00181 |
| 6 | X | 3 1/2 | X | 1/2 | 15.30 | 306.00 | 23401 |
| 6 | X | 4 | X | 5/16 | 10.30 | 206.00 | 00199 |
| 6 | X | 4 | X | 3/8 | 12.30 | 246.00 | 00207 |
| 6 | X | 4 | X | 1/2 | 16.20 | 324.00 | 00214 |
| 6 | X | 4 | X | 3/4 | 23.60 | 472.00 | 25783 |
| 6 | X | 6 | X | 5/16 | 12.40 | 248.00 | 00227 |
| 6 | X | 6 | X | 3/8 | 14.90 | 298.00 | 00239 |
| 6 | X | 6 | X | 1/2 | 19.60 | 392.00 | 00248 |
| 6 | X | 6 | X | 3/4 | 28.70 | 574.00 | 00256 |
| 7 | X | 4 | X | 3/8 | 13.60 | 272.00 | 00219 |
| 7 | X | 4 | X | 1/2 | 17.90 | 358.00 | 00226 |
| 8 | X | 4 | X | 1/2 | 19.60 | 392.00 | 00235 |
| 8 | X | 6 | X | 1/2 | 23.00 | 460.00 | 23731 |
| 8 | X | 6 | X | 3/4 | 33.80 | 676.00 | 26072 |
| 8 | X | 8 | X | 1/2 | 26.40 | 528.00 | 00241 |
| 8 | X | 8 | X | 3/4 | 38.90 | 778.00 | 23668 |
| 8 | X | 8 | X | 1 | 51.00 | 1020.00 | 24494 |

INQUIRE REGARDING: Other grades & sizes

BAR GRATING

BAR GRATING

(Non-serrated) Inquire for other sizes or styles.

| Style | | | Designation | Size | | | Lbs./Each | Item # |
|-------|---|------|-------------|------|---|-----|-----------|--------|
| 1 | x | 3/16 | PTD. 19w4 | 3' | x | 20' | 426 | 04997 |
| 1 1/4 | x | 3/16 | PTD. 19w4 | 3' | x | 20' | 522 | 04998 |
| 1 1/2 | x | 3/16 | PTD. 19w4 | 3' | x | 20' | 618 | 04999 |

BEAMS

BEAM SPECIFICATIONS

Standard I Beams & Junior Beams

Our stock in I (I Beams or S Beams) and Junior (Light Beams or M Beams) beams are typically certified to ASTM A572 Grade 50. This is an HSLA (High Strength, Low Alloy) product with a minimum yield strength of 50 KSI, a minimum tensile strength of 65 KSI, and are ideal for structural applications.

Wide Flange Beams

Also known as W Beams.

Our stock Wide Flange Beams are typically certified to ASTM A992. These have the same minimum yield and tensile strength requirements as the smaller Grade 50 Beams, but also specify a 0.85 yield to tensile ratio and a maximum yield strength of 65 KSI to ensure ductility for the structural applications.

STANDARD I BEAMS - STRUCTURAL

Grade 50



| Size | Lbs./Ft. | Flange Width | Web Thick | Lbs./20' | Lbs./40' | Lbs./50' | Lbs./60' | Item # |
|------|----------|--------------|-----------|----------|----------|----------|----------|--------|
| A | | B | C | | | | | |
| 3 | 5.70 | 2.330 | .170 | 114 | 228 | 285 | 342 | 00134 |
| 4 | 7.70 | 2.663 | .193 | 154 | 308 | 385 | 462 | 00069 |
| 5 | 10.00 | 3.004 | .214 | 200 | 400 | 500 | 600 | 00082 |
| 6 | 12.50 | 3.332 | .230 | 250 | 500 | 624 | 750 | 00088 |
| 6 | 17.25 | 3.565 | .465 | 345 | 690 | 863 | 1035 | 00093 |
| 8 | 18.40 | 4.000 | .270 | 368 | 736 | 920 | 1104 | 00098 |
| 8 | 23.00 | 4.171 | .441 | 460 | 920 | 1150 | 1380 | 00102 |
| 10 | 25.40 | 4.660 | .310 | 508 | 1016 | 1270 | 1524 | 00110 |
| 10 | 35.00 | 4.944 | .594 | 700 | 1400 | 1750 | 2100 | 00117 |
| 12 | 31.80 | 5.000 | .350 | 363 | 1272 | 1590 | 1908 | 30047 |

JUNIOR BEAMS

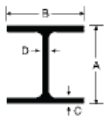
Grade 50

| Size | Lbs./Ft. | Flange Width | Web Thick | Lbs./20' | Lbs./40' | Lbs./50' | Lbs./60' | Item # |
|------|----------|--------------|-----------|----------|----------|----------|----------|--------|
| A | | B | C | | | | | |
| 6 | 4.40 | 1.844 | .114 | 88 | 176 | 220 | 264 | 00130 |
| 8 | 6.50 | 2.281 | .135 | 130 | 260 | 325 | 390 | 00154 |
| 10 | 9.00 | 2.688 | .155 | 180 | 360 | 450 | 540 | 00179 |
| 12 | 11.80 | 3.063 | .175 | 236 | 472 | 590 | 708 | 00198 |

INQUIRE REGARDING: Other grades & sizes

WIDE FLANGE BEAMS

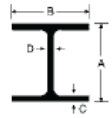
ASTM A992



| Nominal Size in Inches | | | Lbs./ Ft. | Depth of Section in Inches | Flange Width in Inches | Flange Thickness in Inches | Web Thickness in Inches | Item # |
|------------------------|---|-------|-----------|----------------------------|------------------------|----------------------------|-------------------------|--------|
| | | | | A | B | C | D | |
| 4 | X | 4 | 13.0 | 4.16 | 4.060 | .345 | .280 | 00225 |
| 5 | X | 5 | 16.0 | 5.00 | 5.000 | .360 | .240 | 01976 |
| 6 | X | 4 | 9.0 | 5.90 | 3.940 | .215 | .170 | 00236 |
| 6 | X | 4 | 12.0 | 6.00 | 4.030 | .27 | .230 | 00253 |
| 6 | X | 6 | 15.0 | 5.99 | 5.990 | .260 | .230 | 00260 |
| 6 | X | 6 | 20.0 | 6.20 | 6.018 | .367 | .258 | 00273 |
| 6 | X | 6 | 25.0 | 6.37 | 6.080 | .456 | .320 | 00279 |
| 8 | X | 4 | 10.0 | 7.90 | 3.940 | .204 | .170 | 00231 |
| 8 | X | 4 | 13.0 | 8.00 | 4.000 | .254 | .230 | 00247 |
| 8 | X | 4 | 15.0 | 8.12 | 4.015 | .314 | .245 | 00257 |
| 8 | X | 5 1/4 | 18.0 | 8.14 | 5.250 | .330 | .230 | 00261 |
| 8 | X | 5 1/4 | 21.0 | 8.28 | 5.270 | .400 | .250 | 00289 |
| 8 | X | 6 1/2 | 24.0 | 7.93 | 6.500 | .398 | .245 | 00295 |
| 8 | X | 6 1/2 | 28.0 | 8.06 | 6.540 | .463 | .285 | 00299 |
| 8 | X | 8 | 31.0 | 8.00 | 8.000 | .433 | .288 | 00302 |
| 8 | X | 8 | 35.0 | 8.12 | 8.027 | .493 | .315 | 00307 |
| 8 | X | 8 | 40.0 | 8.25 | 8.077 | .558 | .365 | 00306 |
| 8 | X | 8 | 48.0 | 8.50 | 8.117 | .683 | .405 | 24826 |
| 10 | X | 4 | 12.0 | 9.87 | 3.960 | .210 | .190 | 00259 |
| 10 | X | 4 | 15.0 | 10.00 | 4.000 | .269 | .230 | 00268 |
| 10 | X | 4 | 17.0 | 10.12 | 4.010 | .329 | .240 | 00272 |
| 10 | X | 4 | 19.0 | 10.25 | 4.020 | .394 | .250 | 00281 |
| 10 | X | 5 3/4 | 22.0 | 10.17 | 5.750 | .360 | .240 | 00298 |
| 10 | X | 5 3/4 | 26.0 | 10.33 | 5.770 | .440 | .260 | 00303 |
| 10 | X | 5 3/4 | 30.0 | 10.47 | 5.810 | .510 | .300 | 00309 |
| 10 | X | 8 | 33.0 | 9.75 | 7.964 | .433 | .292 | 00312 |
| 10 | X | 8 | 39.0 | 9.94 | 7.990 | .528 | .318 | 00314 |
| 10 | X | 8 | 45.0 | 10.12 | 8.022 | .618 | .350 | 00317 |
| 10 | X | 10 | 49.0 | 10.00 | 10.000 | .558 | .340 | 00319 |
| 12 | X | 4 | 14.0 | 11.91 | 3.970 | .224 | .200 | 00350 |
| 12 | X | 4 | 16.0 | 11.99 | 3.990 | .265 | .220 | 00353 |
| 12 | X | 4 | 19.0 | 12.16 | 4.010 | .349 | .240 | 00359 |
| 12 | X | 4 | 22.0 | 12.31 | 4.030 | .424 | .260 | 00364 |
| 12 | X | 6 1/2 | 26.0 | 12.22 | 6.490 | .380 | .230 | 00372 |
| 12 | X | 6 1/2 | 30.0 | 12.34 | 6.520 | .440 | .260 | 00399 |
| 12 | X | 6 1/2 | 35.0 | 12.50 | 6.560 | .520 | .300 | 40738 |
| 12 | X | 8 | 40.0 | 11.94 | 8.000 | .516 | .294 | 00383 |
| 12 | X | 8 | 45.0 | 12.06 | 8.042 | .576 | .336 | 02158 |
| 12 | X | 8 | 50.0 | 12.19 | 8.077 | .640 | .371 | 00384 |

WIDE FLANGE BEAMS

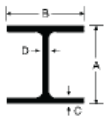
ASTM A992



| Nominal Size in Inches | | | Lbs./ Ft. | Wt. Lbs./20' | Wt. Lbs./30' | Wt. Lbs./40' | Wt. Lbs./50' | Wt. Lbs./60' |
|------------------------|---|-------|-----------|--------------|--------------|--------------|--------------|--------------|
| 4 | x | 4 | 13.0 | 260 | 390 | 520 | 650 | 780 |
| 5 | x | 5 | 16.0 | 320 | 480 | 640 | 800 | 960 |
| 6 | x | 4 | 9.0 | 180 | 270 | 360 | 450 | 540 |
| 6 | x | 4 | 12.0 | 240 | 360 | 480 | 600 | 720 |
| 6 | x | 6 | 15.0 | 300 | 450 | 600 | 750 | 900 |
| 6 | x | 6 | 20.0 | 400 | 600 | 800 | 1000 | 1200 |
| 6 | x | 6 | 25.0 | 500 | 750 | 1000 | 1250 | 1500 |
| 8 | x | 4 | 10.0 | 200 | 300 | 400 | 500 | 600 |
| 8 | x | 4 | 13.0 | 260 | 390 | 520 | 650 | 780 |
| 8 | x | 4 | 15.0 | 300 | 450 | 600 | 750 | 900 |
| 8 | x | 5 1/4 | 18.0 | 360 | 540 | 720 | 900 | 1080 |
| 8 | x | 5 1/4 | 21.0 | 420 | 630 | 840 | 1050 | 1260 |
| 8 | x | 6 1/2 | 24.0 | 480 | 720 | 960 | 1200 | 1440 |
| 8 | x | 6 1/2 | 28.0 | 560 | 840 | 1120 | 1400 | 1680 |
| 8 | x | 8 | 31.0 | 620 | 930 | 1240 | 1550 | 1860 |
| 8 | x | 8 | 35.0 | 700 | 1050 | 1400 | 1750 | 2100 |
| 8 | x | 8 | 40.0 | 800 | 1200 | 1600 | 2000 | 2400 |
| 8 | x | 8 | 48.0 | 960 | 1440 | 1920 | 2400 | 2880 |
| 10 | x | 4 | 12.0 | 240 | 360 | 480 | 600 | 720 |
| 10 | x | 4 | 15.0 | 300 | 450 | 600 | 750 | 900 |
| 10 | x | 4 | 17.0 | 340 | 510 | 680 | 850 | 1020 |
| 10 | x | 4 | 19.0 | 380 | 570 | 760 | 950 | 1140 |
| 10 | x | 5 3/4 | 22.0 | 440 | 660 | 880 | 1100 | 1320 |
| 10 | x | 5 3/4 | 26.0 | 520 | 780 | 1040 | 1300 | 1560 |
| 10 | x | 5 3/4 | 30.0 | 600 | 900 | 1200 | 1500 | 1800 |
| 10 | x | 8 | 33.0 | 660 | 990 | 1320 | 1650 | 1980 |
| 10 | x | 8 | 39.0 | 780 | 1170 | 1560 | 1950 | 2340 |
| 10 | x | 8 | 45.0 | 900 | 1350 | 1800 | 2250 | 2700 |
| 10 | x | 10 | 49.0 | 980 | 1470 | 1960 | 2450 | 2940 |
| 12 | x | 4 | 14.0 | 280 | 420 | 560 | 700 | 840 |
| 12 | x | 4 | 16.0 | 320 | 480 | 640 | 800 | 960 |
| 12 | x | 4 | 19.0 | 380 | 570 | 760 | 950 | 1140 |
| 12 | x | 4 | 22.0 | 440 | 660 | 880 | 1100 | 1320 |
| 12 | x | 6 1/2 | 26.0 | 520 | 780 | 1040 | 1300 | 1560 |
| 12 | x | 6 1/2 | 30.0 | 600 | 900 | 1200 | 1500 | 1800 |
| 12 | x | 6 1/2 | 35.0 | 700 | 1050 | 1400 | 1750 | 2100 |
| 12 | x | 8 | 40.0 | 800 | 1200 | 1600 | 2000 | 2400 |
| 12 | x | 8 | 45.0 | 900 | 1350 | 1800 | 2250 | 2700 |
| 12 | x | 8 | 50.0 | 1000 | 1500 | 2000 | 2500 | 3000 |

WIDE FLANGE BEAMS

ASTM A992

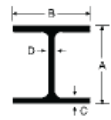


| Nominal Size in Inches | | | Lbs./ Ft. | Depth of Section in Inches | Flange Width in Inches | Flange Thickness in Inches | Web Thickness in Inches | Item # |
|------------------------|---|-------|-----------|----------------------------|------------------------|----------------------------|-------------------------|--------|
| | | | | A | B | C | D | |
| 14 | x | 5 | 22.0 | 13.72 | 5.000 | .335 | .230 | 00358 |
| 14 | x | 5 | 26.0 | 13.89 | 5.025 | .418 | .255 | 00363 |
| 14 | x | 6 3/4 | 30.0 | 13.86 | 6.733 | .383 | .270 | 00367 |
| 14 | x | 6 3/4 | 34.0 | 14.00 | 6.750 | .453 | .287 | 00371 |
| 14 | x | 8 | 43.0 | 13.68 | 8.000 | .528 | .308 | 00376 |
| 16 | x | 5 1/2 | 26.0 | 15.65 | 5.500 | .345 | .250 | 00387 |
| 16 | x | 5 1/2 | 31.0 | 15.84 | 5.525 | .442 | .275 | 00389 |
| 16 | x | 7 | 36.0 | 15.85 | 6.992 | .428 | .299 | 00391 |
| 16 | x | 7 | 40.0 | 16.00 | 7.000 | .503 | .307 | 00396 |
| 18 | x | 6 | 35.0 | 17.71 | 6.000 | .429 | .298 | 00357 |
| 18 | x | 6 | 40.0 | 17.90 | 6.018 | .524 | .316 | 00370 |
| 18 | x | 6 | 46.0 | 18.06 | 6.060 | .605 | .360 | 00377 |
| 18 | x | 7 1/2 | 50.0 | 18.00 | 7.500 | .570 | .358 | 24353 |
| 21 | x | 6 1/2 | 44.0 | 20.66 | 6.500 | .451 | .348 | 24738 |
| 21 | x | 6 1/2 | 50.0 | 20.83 | 6.530 | .535 | .380 | 24359 |
| 24 | x | 7 | 55.0 | 23.63 | 7.000 | .500 | .395 | 24362 |

INQUIRE REGARDING: Other grades & sizes

WIDE FLANGE BEAMS

ASTM A992



| Nominal Size in Inches | | | Lbs./ Ft. | Wt. Lbs./20' | Wt. Lbs./30' | Wt. Lbs./40' | Wt. Lbs./50' | Wt. Lbs./60' |
|------------------------|---|-------|-----------|--------------|--------------|--------------|--------------|--------------|
| 14 | x | 5 | 22.0 | 440 | 660 | 880 | 1100 | 1320 |
| 14 | x | 5 | 26.0 | 520 | 780 | 1040 | 1300 | 1560 |
| 14 | x | 6 3/4 | 30.0 | 600 | 900 | 1200 | 1500 | 1800 |
| 14 | x | 6 3/4 | 34.0 | 680 | 1020 | 1360 | 1700 | 2040 |
| 14 | x | 8 | 43.0 | 860 | 1290 | 1720 | 2150 | 2580 |
| 16 | x | 5 1/2 | 26.0 | 520 | 780 | 1040 | 1300 | 1560 |
| 16 | x | 5 1/2 | 31.0 | 620 | 930 | 1240 | 1550 | 1860 |
| 16 | x | 7 | 36.0 | 720 | 1080 | 1440 | 1800 | 2160 |
| 16 | x | 7 | 40.0 | 800 | 1200 | 1600 | 2000 | 2400 |
| 18 | x | 6 | 35.0 | 700 | 1050 | 1400 | 1750 | 2100 |
| 18 | x | 6 | 40.0 | 800 | 1200 | 1600 | 2000 | 2400 |
| 18 | x | 6 | 46.0 | 920 | 1380 | 1840 | 2300 | 2760 |
| 18 | x | 7 1/2 | 50.0 | 1000 | 1500 | 2000 | 2500 | 3000 |
| 21 | x | 6 1/2 | 44.0 | 880 | 1320 | 1760 | 2200 | 2640 |
| 21 | x | 6 1/2 | 50.0 | 1000 | 1500 | 2000 | 2500 | 3000 |
| 24 | x | 7 | 55.0 | 1100 | 1650 | 2200 | 2750 | 3300 |

INQUIRE REGARDING: Other grades & sizes

CHANNEL

CHANNEL SPECIFICATIONS

Bar Size & Handrail Cap

Our stock Bar Size and Handrail Cap Carbon Channel are certified to ASTM A36 at minimum. These products have a 36 KSI minimum yield strength and tensile strength range of 58-80 KSI. Some of these products may also be able to be dual certified to ASTM A529 Grade 50 with a 50 KSI minimum yield strength.

Junior, Ship & Car, & Structural Channel

Our stock Junior, Ship & Car, and Structural Carbon Channel are certified to ASTM A36 and ASTM A529 Grade 50 at minimum. Some of these products may also be able to be triple certified to ASTM A572 Grade 50, having an HSLA (High Strength Low Alloy) composition that can help in applications where notch roughness (impact testing) may be required.

CHANNEL—BAR SIZE

ASTM A36



| Size | | | | | Lbs./Ft. | Lbs./20' | Item # |
|-------|---|------|---|------|----------|----------|--------|
| A | | B | | C | | | |
| 1 | X | 1/2 | X | 1/8 | .84 | 16.80 | 00571 |
| 1 1/4 | X | 1/2 | X | 1/8 | 1.01 | 20.20 | 00636 |
| 1 1/2 | X | 1/2 | X | 1/8 | 1.12 | 22.40 | 00638 |
| 1 1/2 | X | 3/4 | X | 1/8 | 1.17 | 23.40 | 21792 |
| 1 1/2 | X | 9/16 | X | 3/16 | 1.44 | 28.80 | 00641 |
| 2 | X | 1/2 | X | 1/8 | 1.43 | 28.60 | 00642 |
| 2 | X | 9/16 | X | 3/16 | 1.86 | 37.20 | 00643 |
| 2 | X | 1 | X | 1/8 | 1.59 | 31.80 | 00646 |
| 2 | X | 1 | X | 3/16 | 2.32 | 46.40 | 01151 |
| 2 1/2 | X | 5/8 | X | 3/16 | 2.27 | 45.40 | 29830 |

1606L HANDRAIL CAP CHANNEL

ASTM A36

| Size | Lbs./Ft. | Flange Width | Web Thick | Lbs./20' | Item # |
|---------------|----------|--------------|-----------|----------|--------|
| A | | B | C | | |
| 1 1/16 (I.D.) | 1.27 | .180 | .200 | 25.40 | 001193 |

CHANNELS —SHIP & CAR

ASTM A36 / A529 Grade 50

| Size | Lbs./Ft. | Flange Width | Web Thick | Lbs./20' | Item # | Lbs./40' | Item # |
|------|----------|--------------|-----------|----------|--------|----------|--------|
| A | | B | C | | | | |
| 4" | 13.80 | 2.500 | .500 | 276 | 00472 | 552 | 00475 |
| 6" | 12 | 2.497 | .310 | 240 | 01980 | 480 | 00626 |
| 8" | 18.7 | 2.987 | .353 | 374 | 21954 | 748 | 24990 |

JUNIOR CHANNELS

Stair Stringer Channels—ASTM A36 / Grade 50

| Size | Lbs./Ft. | Flange Width | Web Thick | Lbs./20' | Item # | Lbs./40' | Item # |
|------|----------|--------------|-----------|----------|--------|----------|--------|
| A | | B | C | | | | |
| 10 | 8.40 | 1.50 | .170 | 168 | 00521 | 336 | 00522 |
| 12 | 10.60 | 1.50 | .190 | 212 | 00548 | 424 | 00551 |
| 12 | 14.30 | 1.50 | .190 | 286 | | 572 | 35033 |

STRUCTURAL CHANNEL

ASTM A36 / A529 Grade 50



| Size | Lbs./Ft. | Flange Width | Web Thickness | Lbs./20' | Item # | Lbs./40' | Item # |
|---------------|----------|--------------|---------------|----------|--------|----------|--------|
| A | | B | C | | | | |
| 3 (Light Wt.) | 3.50 | 1.375 | .145 | 70 | 00430 | 140 | 00432 |
| 3 | 4.10 | 1.410 | .170 | 82 | 00436 | 164 | 00441 |
| 3 | 5.00 | 1.498 | .258 | 100 | 00602 | 200 | 00609 |
| 3 | 6.00 | 1.596 | .356 | 120 | 00611 | 240 | 00613 |
| 4 (Light Wt.) | 4.50 | 1.584 | .158 | 90 | 00453 | 180 | 00456 |
| 4 | 5.40 | 1.580 | .180 | 108 | 00457 | 216 | 00460 |
| 4 | 6.25 | 1.647 | .247 | 125 | 21787 | 250 | 20884 |
| 4 | 7.25 | 1.720 | .320 | 145 | 00469 | 290 | 00471 |
| 5 | 6.70 | 1.750 | .190 | 134 | 00476 | 268 | 00481 |
| 5 | 9.00 | 1.885 | .325 | 180 | 00484 | 360 | 00487 |
| 6 | 8.20 | 1.920 | .200 | 164 | 00489 | 328 | 00491 |
| 6 | 10.50 | 2.034 | .314 | 210 | 00493 | 420 | 00494 |
| 6 | 13.00 | 2.157 | .437 | 260 | 00498 | 520 | 00499 |
| 7 | 9.80 | 2.090 | .210 | 196 | 00500 | 392 | 00503 |
| 7 | 12.25 | 2.194 | .303 | 245 | | 490 | 31381 |
| 8 | 11.50 | 2.260 | .220 | 230 | 00506 | 460 | 00508 |
| 8 | 13.75 | 2.343 | .303 | 275 | 00509 | 550 | 00510 |
| 8 | 18.75 | 2.527 | .487 | 375 | 00511 | 750 | 00514 |
| 9 | 13.40 | 2.430 | .230 | 268 | 00518 | 536 | 00519 |
| 10 | 15.30 | 2.600 | .240 | 306 | 00539 | 612 | 00540 |
| 10 | 20.00 | 2.739 | .379 | 400 | 00542 | 800 | 00543 |
| 10 | 25.00 | 2.886 | .526 | 500 | 00544 | 1000 | 00546 |
| 12 | 20.70 | 2.940 | .280 | 414 | 00552 | 828 | 00553 |
| 12 | 25.00 | 3.047 | .387 | 500 | 00555 | 1000 | 00556 |
| 12 | 30.00 | 3.170 | .510 | 600 | 00558 | 1200 | 00560 |
| 15 | 33.90 | 3.400 | .400 | 678 | | 1356 | 00563 |

INQUIRE REGARDING: Other grades & sizes

LETTERS SHEET

SHEET SPECIFICATIONS

Cold Rolled & Hot Rolled

Our stock Carbon Sheet products are certified to either ASTM A1011 CS Type B for Hot Rolled and HRPO (Hot Rolled Pickled & Oiled) materials or ASTM A1008 CS Type B for Cold Rolled materials. All CS Type B products are low carbon and provide good formability and are readily weldable.

These are not tensile tested for structural use but are perfect for general applications – you just need to choose your desired finish. HRPO products come free of mill scale and an oil coating to delay any oxidation (rusting), while Cold Rolled products are “fully finished” – meaning they have been pickled, cold rolled, annealed, and lightly oiled to provide the cleanest, most consistent matte finish for highly exposed uses.

Aluminum

Our stock Aluminum Sheets are primarily certified to ASTM B209 5052-H32. The 5052-H32 sheet products have very good corrosion resistance, good workability, weldability, and strength (23 KSI minimum yield strength and a range of 31-38 KSI tensile strength).

Electro-Galvanized

Our stock Electro-Galvanized Sheets are certified to ASTM A879 CS Type B. This product is intended for applications where an excellent finish is required. Starting with low carbon fully-finished cold rolled substrate, this material is zinc coated by electrolytic deposition, producing a smooth dull gray matte appearance. Stamping, rolling, and forming can be done with this material with no concerns of flaking, peeling, or cracking.

Galvanized & Galvannealed

Our stock Galvanized and Galvannealed Sheets are certified to ASTM A653 CS Type B. These low carbon coated products come with different coating thickness options, as well as a some extra smooth finish sizes based on your application needs. We also offer both chemically treated to help protect against corrosion (RoHS friendly chem treat is available in some sizes) and non-chemically treated, most commonly without oil applied to the surface. The CS Type B products are not intended for structural use.

Stainless Steel

We stock several different types of Stainless Steel Sheets, with even more options for protection depending on your application needs, but types all are certified to ASTM A240. The Austenitic 300 series types of 301 and 304/304L are non-magnetic (but typically more formable) due to the higher nickel content, while the Ferritic 400 series types of 430 and 441 are magnetic. Finishes of at least 2B quality are standard on our stock sheet products, with a polished #4 finish also available in some sizes. Both 300 and 400 series contain at least 10.5% Chromium to provide good corrosion resistance.

HOT ROLLED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 16 Ga. | CS-B | 60" | 120" | 125.00 | 01654 |
| 16 Ga. | CS-B TP | 36" | 96" | 60.00 | 01567 |
| 16 Ga. | CS-B TP | 36" | 120" | 75.00 | 01605 |
| 16 Ga. | CS-B TP | 36" | 144" | 90.00 | 27561 |
| 16 Ga. | CS-B TP | 48" | 96" | 80.00 | 01609 |
| 16 Ga. | CS-B TP | 48" | 120" | 100.00 | 01634 |
| 16 Ga. | CS-B TP | 48" | 144" | 120.00 | 01639 |
| 14 Ga. | CS-B TP | 36" | 96" | 75.00 | 01523 |
| 14 Ga. | CS-B TP | 36" | 120" | 93.75 | 01529 |
| 14 Ga. | CS-B TP | 48" | 96" | 100.00 | 25584 |
| 14 Ga. | CS-B TP | 48" | 120" | 125.00 | 25585 |
| 14 Ga. | CS-B TP | 48" | 144" | 150.00 | 01540 |
| 14 Ga. | CS-B TP | 60" | 96" | 125.00 | 26029 |
| 14 Ga. | CS-B TP | 60" | 120" | 156.25 | 25586 |
| 14 Ga. | CS-B TP | 60" | 144" | 187.50 | 01554 |
| 12 Ga. | CS-B TP | 36" | 96" | 105.00 | 17940 |
| 12 Ga. | CS-B TP | 36" | 120" | 131.25 | 18085 |
| 12 Ga. | CS-B TP | 48" | 96" | 140.00 | 04916 |
| 12 Ga. | CS-B TP | 48" | 120" | 175.00 | 01520 |
| 12 Ga. | CS-B TP | 48" | 144" | 210.00 | 01524 |
| 12 Ga. | CS-B TP | 60" | 96" | 175.00 | 01526 |
| 12 Ga. | CS-B TP | 60" | 120" | 262.50 | 01539 |
| 12 Ga. | CS-B TP | 60" | 144" | 437.50 | 02934 |
| 12 Ga. | CS-B TP | 72" | 96" | 210.00 | 01546 |
| 12 Ga. | CS-B TP | 72" | 120" | 262.50 | 01551 |
| 12 Ga. | CS-B TP | 72" | 144" | 315.00 | 01555 |
| 12 Ga. | CS-B TP | 72" | 240" | 525.00 | 02936 |
| 11 Ga. | CS-B TP | 48" | 96" | 160.00 | 01496 |
| 11 Ga. | CS-B TP | 48" | 120" | 200.00 | 01499 |
| 11 Ga. | CS-B TP | 48" | 144" | 240.00 | 01502 |
| 11 Ga. | CS-B TP | 60" | 96" | 200.00 | 01503 |
| 11 Ga. | CS-B TP | 60" | 120" | 250.00 | 01506 |
| 11 Ga. | CS-B TP | 60" | 144" | 300.00 | 01507 |
| 11 Ga. | CS-B TP | 72" | 96" | 240.00 | 01511 |
| 11 Ga. | CS-B TP | 72" | 120" | 300.00 | 01514 |
| 11 Ga. | CS-B TP | 72" | 144" | 360.00 | 01518 |
| 11 Ga. | CS-B TP | 72" | 240" | 600.00 | 23014 |
| 10 Ga. | CS-B ME | 96" | 240" | 900.00 | 31269 |
| 10 Ga. | CS-B TP | 48" | 96" | 180.00 | 01472 |
| 10 Ga. | CS-B TP | 48" | 120" | 225.00 | 01477 |
| 10 Ga. | CS-B TP | 48" | 144" | 270.00 | 01484 |
| 10 Ga. | CS-B TP | 48" | 240" | 450.00 | 04838 |

HOT ROLLED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 10 Ga. | CS-B TP | 60" | 96" | 225.00 | 01493 |
| 10 Ga. | CS-B TP | 60" | 144" | 337.50 | 01497 |
| 10 Ga. | CS-B TP | 60" | 240" | 562.50 | 05080 |
| 10 Ga. | CS-B TP | 72" | 96" | 270.00 | 01498 |
| 10 Ga. | CS-B TP | 72" | 120" | 337.50 | 01500 |
| 10 Ga. | CS-B TP | 72" | 144" | 405.00 | 01508 |
| 10 Ga. | CS-B TP | 72" | 240" | 675.00 | 04840 |
| 8 Ga. | CS-B TP | 48" | 96" | 220.00 | 04837 |
| 8 Ga. | CS-B TP | 48" | 120" | 275.00 | 05596 |
| 7 Ga. | CS-B TP | 48" | 96" | 240.00 | 01455 |
| 7 Ga. | CS-B TP | 48" | 120" | 300.00 | 01456 |
| 7 Ga. | CS-B TP | 48" | 144" | 360.00 | 01457 |
| 7 Ga. | CS-B TP | 60" | 96" | 300.00 | 01458 |
| 7 Ga. | CS-B TP | 60" | 144" | 450.00 | 01462 |
| 7 Ga. | CS-B TP | 72" | 96" | 360.00 | 01464 |
| 7 Ga. | CS-B TP | 72" | 120" | 450.00 | 01465 |
| 7 Ga. | CS-B TP | 72" | 144" | 540.00 | 01469 |

HOT ROLLED P&O SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 14 Ga. | CS-B P&O | 48" | 120" | 125.00 | 42748 |
| 14 Ga. | CS-B P&O TP | 27" | 58" | 33.98 | 42751 |
| 14 Ga. | CS-B P&O TP | 27" | 60" | 35.16 | 42752 |
| 14 Ga. | CS-B P&O TP | 27" | 66" | 38.67 | 42753 |
| 14 Ga. | CS-B P&O TP | 27" | 90" | 52.73 | 42756 |
| 14 Ga. | CS-B P&O TP | 27" | 96" | 56.25 | 42757 |
| 14 Ga. | CS-B P&O TP | 48" | 96" | 100.00 | 22256 |
| 14 Ga. | CS-B P&O TP | 48" | 120" | 125.00 | 05346 |
| 14 Ga. | CS-B P&O TP | 48" | 144" | 150.00 | 42761 |
| 14 Ga. | CS-B P&O TP | 60" | 120" | 156.25 | 21086 |
| 12 Ga. | CS-B P&O | 48" | 96" | 140.00 | 42742 |
| 12 Ga. | CS-B P&O | 48" | 120" | 175.00 | 42743 |
| 12 Ga. | CS-B P&O | 60" | 120" | 218.75 | 40489 |
| 12 Ga. | CS-B P&O TP | 48" | 96" | 140.00 | 21805 |
| 12 Ga. | CS-B P&O TP | 48" | 120" | 175.00 | 05345 |
| 12 Ga. | CS-B P&O TP | 60" | 96" | 175.00 | 23954 |
| 11 Ga. | CS-B P&O | 48" | 98" | 163.33 | 42727 |
| 11 Ga. | CS-B P&O | 48" | 120" | 200.00 | 42728 |
| 11 Ga. | CS-B P&O | 60" | 120" | 250.00 | 42732 |

HOT ROLLED P&O SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|----------------|-------|--------|---------------|--------|
| 11 Ga. | CS-B P&O TP | 48" | 48" | 80.00 | 42735 |
| 11 Ga. | CS-B P&O TP | 48" | 96" | 160.00 | 28280 |
| 11 Ga. | CS-B P&O TP | 48" | 120" | 200.00 | 21088 |
| 11 Ga. | CS-B P&O TP | 60" | 144" | 300.00 | 21756 |
| 10 Ga. | CS-B P&O | 48" | 96" | 180.00 | 42714 |
| 10 Ga. | CS-B P&O | 48" | 120" | 225.00 | 42715 |
| 10 Ga. | CS-B P&O | 48" | 144" | 270.00 | 42717 |
| 10 Ga. | CS-B P&O | 60" | 120" | 281.25 | 42720 |
| 10 Ga. | CS-B P&O ME TP | 60" | 96" | 225.00 | 05558 |
| 10 Ga. | CS-B P&O TP | 48" | 96" | 180.00 | 21635 |
| 10 Ga. | CS-B P&O TP | 48" | 120" | 225.00 | 05608 |
| 10 Ga. | CS-B P&O TP | 72" | 120" | 337.50 | 05613 |
| 7 Ga. | CS-B P&O | 48" | 60" | 150.00 | 42769 |
| 7 Ga. | CS-B P&O | 48" | 96" | 240.00 | 42770 |
| 7 Ga. | CS-B P&O TP | 48" | 96" | 240.00 | 22777 |
| 7 Ga. | CS-B P&O TP | 48" | 120" | 300.00 | 17977 |
| 7 Ga. | CS-B P&O TP | 60" | 120" | 375.00 | 21087 |
| 7 Ga. | CS-B P&O TP | 60" | 144" | 450.00 | 21518 |

INQUIRE REGARDING: Cold Reduced Hot Rolled/P&O stock

COLD ROLLED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 24 Ga. | CS-B M&O | 48" | 96" | 31.98 | 41368 |
| 24 Ga. | CS-B M&O | 48" | 120" | 39.98 | 41370 |
| 22 Ga. | CS-B M&O | 48" | 120" | 50.00 | 41365 |
| 20 Ga. | CS-B | 48" | 96" | 48.00 | 01608 |
| 20 Ga. | CS-B | 48" | 120" | 60.00 | 01610 |
| 20 Ga. | CS-B | 60" | 120" | 75.00 | 31693 |
| 20 Ga. | CS-B M&O | 48" | 40" | 20.00 | 41350 |
| 20 Ga. | CS-B M&O | 48" | 120" | 60.00 | 44889 |
| 18 Ga. | CS-B | 48" | 96" | 64.00 | 01611 |
| 18 Ga. | CS-B | 48" | 120" | 80.00 | 01614 |
| 18 Ga. | CS-B | 60" | 120" | 100.00 | 21346 |
| 18 Ga. | CS-B M&O | 48" | 40" | 26.67 | 41337 |
| 16 Ga. | CS-B | 48" | 96" | 80.00 | 01613 |
| 16 Ga. | CS-B | 48" | 120" | 100.00 | 01636 |

COLD ROLLED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 16 Ga. | CS-B | 60" | 96" | 100.00 | 01652 |
| 16 Ga. | CS-B | 60" | 120" | 125.00 | 01658 |
| 16 Ga. | CS-B | 60" | 144" | 150.00 | 01665 |
| 16 Ga. | CS-B M&O | 48" | 40" | 33.33 | 41318 |
| 16 Ga. | CS-B M&O | 48" | 48" | 40.00 | 41319 |
| 16 Ga. | CS-B M&O | 48" | 60" | 50.00 | 41320 |
| 14 Ga. | CS-B | 48" | 96" | 100.00 | 23521 |
| 14 Ga. | CS-B | 48" | 120" | 125.00 | 22784 |
| 14 Ga. | CS-B | 60" | 120" | 156.25 | 28164 |
| 14 Ga. | CS-B | 72" | 96" | 150.00 | 31520 |
| 14 Ga. | CS-B | 72" | 120" | 187.50 | 26678 |
| 14 Ga. | CS-B | 72" | 140" | 225.00 | 31521 |
| 14 Ga. | CS-B M&O | 36" | 30" | 23.44 | 41284 |
| 14 Ga. | CS-B M&O | 36" | 49" | 38.28 | 41285 |
| 14 Ga. | CS-B M&O | 48" | 30" | 31.25 | 41290 |
| 14 Ga. | CS-B M&O | 48" | 40" | 41.67 | 41293 |
| 14 Ga. | CS-B M&O | 48" | 48" | 50.00 | 41294 |
| 14 Ga. | CS-B M&O | 48" | 72" | 75.00 | 44881 |
| 14 Ga. | CS-B M&O | 48" | 73" | 76.04 | 41297 |
| 14 Ga. | CS-B M&O | 48" | 98" | 102.08 | 41900 |
| 14 Ga. | CS-B M&O | 60" | 50" | 65.10 | 41303 |
| 14 Ga. | CS-B M&O | 60" | 52" | 67.71 | 41304 |
| 13 Ga. | CS-B M&O | 48" | 48" | 60.02 | 41281 |
| 13 Ga. | CS-B M&O | 48" | 120" | 150.04 | 41283 |
| 12 Ga. | CS-B | 60" | 120" | 218.75 | 38874 |
| 12 Ga. | CS-B M&O | 48" | 40" | 58.33 | 41270 |
| 12 Ga. | CS-B M&O | 48" | 96" | 140.00 | 41272 |
| 12 Ga. | CS-B M&O | 48" | 120" | 175.00 | 41273 |
| 12 Ga. | CS-B M&O | 60" | 144" | 262.50 | 41276 |
| 11 Ga. | CS-B M&O | 48" | 48" | 80.00 | 41260 |
| 11 Ga. | CS-B M&O | 48" | 96" | 160.00 | 41262 |
| 11 Ga. | CS-B M&O | 48" | 120" | 200.00 | 41263 |
| 11 Ga. | CS-B M&O | 60" | 120" | 250.00 | 41264 |
| 10 Ga. | CS-B M&O | 48" | 40" | 75.00 | 41247 |
| 10 Ga. | CS-B M&O | 48" | 96" | 180.00 | 41248 |
| 10 Ga. | CS-B M&O | 48" | 120" | 225.00 | 41249 |
| 10 Ga. | CS-B M&O | 60" | 120" | 281.25 | 44878 |

GALVANIZED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------------|-------|--------|---------------|--------|
| 28 Ga. | CS-B G40 CTD | 30" | 96" | 15.64 | 42368 |
| 28 Ga. | CS-B G40 CTD | 36" | 96" | 18.77 | 42370 |
| 28 Ga. | CS-B G40 CTD | 36" | 120" | 23.46 | 42371 |
| 28 Ga. | CS-B G40 CTD | 48" | 96" | 25.02 | 42372 |
| 28 Ga. | CS-B G40 CTD | 48" | 120" | 31.28 | 42374 |
| 26 Ga. | CS-B G60 CTD | 36" | 96" | 21.75 | 42352 |
| 26 Ga. | CS-B G60 CTD | 36" | 120" | 27.19 | 42353 |
| 26 Ga. | CS-B G60 CTD | 48" | 120" | 36.25 | 42357 |
| 26 Ga. | CS-B G90 CTD | 36" | 96" | 21.75 | 42359 |
| 26 Ga. | CS-B G90 CTD | 48" | 120" | 36.25 | 42362 |
| 26 Ga. | CS-B G90 CTD | 60" | 120" | 45.31 | 39611 |
| 24 Ga. | CS-B G90 CTD | 48" | 96" | 37.00 | 42338 |
| 24 Ga. | CS-B G90 CTD | 48" | 120" | 46.25 | 42340 |
| 24 Ga. | CS-B G90 CTD | 60" | 120" | 57.81 | 39279 |
| 22 Ga. | CS-B G90 CTD | 48" | 51" | 23.91 | 42322 |
| 22 Ga. | CS-B G90 CTD | 48" | 57" | 26.72 | 42323 |
| 22 Ga. | CS-B G90 CTD | 48" | 61" | 28.59 | 42324 |
| 22 Ga. | CS-B G90 CTD | 48" | 72" | 33.75 | 42325 |
| 22 Ga. | CS-B G90 CTD | 48" | 76" | 33.62 | 42326 |
| 22 Ga. | CS-B G90 CTD | 48" | 96" | 45.00 | 42328 |
| 22 Ga. | CS-B G90 CTD | 48" | 120" | 56.25 | 39862 |
| 22 Ga. | CS-B G90 CTD | 60" | 120" | 70.31 | 39614 |
| 20 Ga. | CS-B G90 CTD | 48" | 40" | 22.08 | 42310 |
| 20 Ga. | CS-B G90 CTD | 48" | 96" | 52.99 | 42311 |
| 20 Ga. | CS-B G90 CTD | 48" | 120" | 66.24 | 42313 |
| 20 Ga. | CS-B G90 CTD | 60" | 120" | 82.80 | 42314 |
| 18 Ga. | CS-B G90 CTD | 48" | 96" | 69.03 | 42298 |
| 18 Ga. | CS-B G90 CTD | 48" | 120" | 86.28 | 42299 |
| 18 Ga. | CS-B G90 CTD | 60" | 120" | 107.86 | 42300 |
| 18 Ga. | CS-B G90 CTD ROHS | 48" | 40" | 28.76 | 42303 |
| 18 Ga. | CS-B G90 CTD ROHS | 48" | 96" | 69.03 | 42304 |
| 16 Ga. | CS-B G90 CTD | 36" | 96" | 63.72 | 42275 |
| 16 Ga. | CS-B G90 CTD | 36" | 120" | 79.65 | 42276 |
| 16 Ga. | CS-B G90 CTD | 48" | 96" | 84.96 | 42279 |
| 16 Ga. | CS-B G90 CTD | 48" | 120" | 106.20 | 42280 |
| 16 Ga. | CS-B G90 CTD | 60" | 120" | 132.75 | 42281 |
| 16 Ga. | CS-B G90 CTD ROHS | 48" | 40" | 35.40 | 42285 |
| 16 Ga. | CS-B G90 CTD ROHS | 48" | 96" | 84.96 | 42286 |
| 16 Ga. | CS-B G90 CTD ROHS | 48" | 120" | 106.20 | 42287 |

GALVANIZED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------------|-------|--------|---------------|--------|
| 14 Ga. | CS-B G90 CTD | 48" | 96" | 105.06 | 42263 |
| 14 Ga. | CS-B G90 CTD | 48" | 120" | 131.32 | 42264 |
| 14 Ga. | CS-B G90 CTD | 48" | 144" | 157.58 | 42265 |
| 14 Ga. | CS-B G90 CTD | 60" | 120" | 164.15 | 42267 |
| 14 Ga. | CS-B G90 CTD ROHS | 48" | 100" | 109.43 | 42269 |
| 14 Ga. | CS-B G90 CTD ROHS | 48" | 120" | 131.32 | 42270 |
| 14 Ga. | CS-B G90 CTD XS | 60" | 120" | 164.15 | 37056 |
| 12 Ga. | CS-B G90 CTD | 48" | 96" | 145.06 | 42246 |
| 12 Ga. | CS-B G90 CTD | 48" | 120" | 181.32 | 42247 |
| 12 Ga. | CS-B G90 CTD | 60" | 120" | 226.65 | 42248 |
| 11 Ga. | CS-B G90 CTD | 48" | 120" | 206.24 | 42239 |
| 11 Ga. | CS-B G90 CTD ROHS | 48" | 120" | 206.24 | 42241 |
| 10 Ga. | CS-B G90 CTD | 48" | 96" | 184.93 | 42234 |
| 10 Ga. | CS-B G90 CTD | 48" | 120" | 231.16 | 42235 |
| 10 Ga. | CS-B G90 CTD | 48" | 144" | 277.39 | 42236 |
| 10 Ga. | CS-B G90 CTD | 60" | 120" | 288.95 | 42237 |
| 10 Ga. | CS-B G90 CTD XS | 60" | 120" | 288.95 | 37052 |

GALVANNEALED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|------------------|-------|--------|---------------|--------|
| 24 Ga. | CS-B A60 CTD | 60" | 120" | 57.71 | 41773 |
| 24 Ga. | CS-B A40 NCTD | 48" | 120" | 46.17 | 41770 |
| 22 Ga. | CS-B A40 NCTD | 48" | 120" | 56.20 | 41765 |
| 20 Ga. | CS-B A40 CTD | 48" | 96" | 52.99 | 41752 |
| 20 Ga. | CS-B A40 NCTD | 48" | 120" | 66.24 | 41757 |
| 18 Ga. | CS-B A40 CTD | 60" | 144" | 129.47 | 41737 |
| 18 Ga. | CS-B A40 NCTD | 48" | 120" | 86.31 | 41744 |
| 16 Ga. | CS-B A40 CTD | 48" | 96" | 84.96 | 41685 |
| 16 Ga. | CS-B A40 CTD | 48" | 120" | 106.20 | 41688 |
| 16 Ga. | CS-B A40 CTD | 60" | 123" | 136.07 | 41694 |
| 16 Ga. | CS-B A40 CTD | 60" | 132" | 146.03 | 41695 |
| 16 Ga. | CS-B A40 NCTD | 48" | 120" | 106.20 | 41702 |
| 16 Ga. | CS-B A40 NCTD | 60" | 120" | 132.75 | 41704 |
| 16 Ga. | CS-B A40 NCTD XS | 48" | 73" | 64.61 | 41712 |
| 16 Ga. | CS-B A40 NCTD XS | 48" | 79" | 69.92 | 41713 |
| 16 Ga. | CS-B A40 NCTD XS | 48" | 120" | 106.20 | 41716 |

GALVANNEALED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------------|-------|--------|---------------|--------|
| 16 Ga. | CS-B A40 NCTD XS | 50" | 121" | 111.51 | 41717 |
| 16 Ga. | CS-B A40 NCTD XS | 54" | 81" | 80.65 | 41719 |
| 16 Ga. | CS-B A40 NCTD XS | 55" | 30" | 30.42 | 41720 |
| 16 Ga. | CS-B A40 NCTD XS | 55" | 62" | 62.87 | 41723 |
| 16 Ga. | CS-B A40 NCTD XS | 55" | 88" | 89.24 | 41724 |
| 16 Ga. | CS-B A40 NCTD XS | 55" | 120" | 121.69 | 41726 |
| 16 Ga. | CS-B A60 CTD ROHS | 36" | 120" | 79.65 | 41732 |
| 16 Ga. | CS-B A60 CTD ROHS | 48" | 120" | 106.20 | 41733 |
| 16 Ga. | CS-B A60 CTD ROHS | 60" | 120" | 132.75 | 41734 |
| 14 Ga. | CS-B A40 CTD | 48" | 120" | 131.31 | 41657 |
| 14 Ga. | CS-B A40 CTD | 60" | 60" | 82.07 | 41659 |
| 14 Ga. | CS-B A40 CTD | 60" | 96" | 131.31 | 41661 |
| 14 Ga. | CS-B A40 CTD | 60" | 120" | 164.13 | 41662 |
| 14 Ga. | CS-B A40 CTD | 60" | 132" | 180.55 | 41663 |
| 14 Ga. | CS-B A40 CTD | 60" | 144" | 196.96 | 41664 |
| 14 Ga. | CS-B A40 NCTD | 48" | 96" | 105.05 | 41666 |
| 14 Ga. | CS-B A40 NCTD | 48" | 120" | 131.31 | 41667 |
| 14 Ga. | CS-B A40 NCTD | 60" | 120" | 164.13 | 44922 |
| 14 Ga. | CS-B A60 CTD | 60" | 120" | 164.13 | 41668 |
| 14 Ga. | CS-B A60 NCTD | 48" | 120" | 131.31 | 41671 |
| 14 Ga. | CS-B A60 NCTD | 60" | 120" | 164.13 | 41672 |
| 12 Ga. | CS-B A40 CTD | 36" | 82" | 92.93 | 41618 |
| 12 Ga. | CS-B A40 CTD | 36" | 97" | 109.93 | 41619 |
| 12 Ga. | CS-B A40 CTD | 48" | 96" | 145.06 | 41620 |
| 12 Ga. | CS-B A40 CTD | 48" | 97" | 146.57 | 41621 |
| 12 Ga. | CS-B A40 CTD | 48" | 120" | 181.32 | 41622 |
| 12 Ga. | CS-B A40 CTD | 60" | 78" | 147.32 | 41627 |
| 12 Ga. | CS-B A40 CTD | 60" | 97" | 183.21 | 41629 |
| 12 Ga. | CS-B A40 CTD | 60" | 102" | 192.65 | 41630 |
| 12 Ga. | CS-B A40 CTD | 60" | 120" | 226.65 | 41631 |
| 12 Ga. | CS-B A40 CTD | 60" | 130" | 245.54 | 41632 |
| 12 Ga. | CS-B A40 CTD | 60" | 144" | 271.98 | 41633 |
| 12 Ga. | CS-B A40 NCTD | 48" | 85" | 128.44 | 41638 |
| 12 Ga. | CS-B A40 NCTD | 48" | 96" | 145.06 | 41641 |
| 12 Ga. | CS-B A40 NCTD | 48" | 100" | 151.10 | 41642 |
| 12 Ga. | CS-B A40 NCTD | 48" | 120" | 181.32 | 41645 |
| 10 Ga. | CS-B A40 CTD | 60" | 144" | 346.75 | 41607 |

ELECTRO-GALVANIZED SHEET

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 24 Ga. | CS-B ROHS | 48" | 120" | 39.98 | 41414 |
| 22 Ga. | CS-B ROHS | 48" | 120" | 50.01 | 41412 |
| 20 Ga. | CS-B ROHS | 48" | 120" | 60.05 | 41408 |
| 18 Ga. | CS-B ROHS | 36" | 120" | 59.97 | 41403 |
| 18 Ga. | CS-B ROHS | 60" | 120" | 79.96 | 41404 |
| 18 Ga. | CS-B ROHS | 48" | 96" | 79.96 | 41405 |
| 16 Ga. | CS-B ROHS | 48" | 120" | 100.03 | 41399 |
| 16 Ga. | CS-B ROHS | 60" | 120" | 125.03 | 41400 |
| 14 Ga. | CS-B ROHS | 48" | 120" | 124.95 | 41396 |

COLL

COIL SPECIFICATIONS

We stock a wide variety of coils and can provide pup coils to ID/OD/Weight, conventional leveling to length, slitting to width, blanking to size, and cold reduction temper leveling to lengths of up to 60+ feet.

Our in-house chemical, mechanical, and Charpy testing capabilities combined with ASTM involvement and rigorous material validation processes allow us to certify our coil products to the most current ASTM coil and sheet standards as well as structural plate specifications with confidence.

Please see typical stock specification and Grade information under the Sheet and Plate sections in this book.

CARBON STEEL TOLERANCE RANGES

| Carbon Steel Sheets/Hot Rolled • H.R.P. & O. Cold Rolled • Electrogalvanized | | | | |
|---|-------------------|------------------|-------------|------------------|
| Thickness Tolerance Ranges | | | | |
| Gauge No. | Thickness, Inches | | | Lbs. Per Sq. Ft. |
| | Dec. Equiv. | Tolerance Ranges | | |
| | | H.R. & P. & O. | C.R. E.G. | |
| 4 | .2242 | .2152 .2332 | | 9.375 |
| 5 | .2092 | .2002 .2182 | | 8.750 |
| 6 | .1943 | .1853 .2033 | | 8.125 |
| 7 | .1793 | .1713 .1873 | | 7.500 |
| 8 | .1644 | .1564 .1724 | | 6.875 |
| 9 | .1495 | .1415 .1575 | | 6.250 |
| 10 | .1345 | .1265 .1425 | .1285 .1405 | 5.625 |
| 11 | .1196 | .1116 .1276 | .1136 .1256 | 5.000 |
| 12 | .1046 | .0966 .1126 | .0986 .1106 | 4.375 |
| 13 | .0897 | .0827 .0967 | .0847 .0947 | 3.750 |
| 14 | .0747 | .0677 .0817 | .0697 .0797 | 3.125 |
| 15 | .0673 | .0613 .0733 | .0623 .0723 | 2.813 |
| 16 | .0598 | .0538 .0658 | .0548 .0648 | 2.500 |
| 17 | .0538 | .0478 .0598 | .0498 .0548 | 2.250 |
| 18 | .0478 | .0428 .0528 | .0438 .0518 | 2.000 |
| 19 | .0418 | | .0378 .0458 | 1.750 |
| 20 | .0359 | | .0329 .0389 | 1.500 |
| 21 | .0329 | | .0299 .0359 | 1.375 |
| 22 | .0299 | | .0269 .0329 | 1.250 |
| 23 | .0269 | | .0239 .0299 | 1.125 |
| 24 | .0239 | | .0209 .0269 | 1.000 |
| 25 | .0209 | | .0179 .0239 | .875 |
| 26 | .0179 | | .0159 .0199 | .750 |
| 27 | .0164 | | .0144 .0184 | .688 |
| 28 | .0149 | | .0129 .0169 | .625 |
| 29 | .0135 | | .0115 .0155 | .562 |
| 30 | .0120 | | .0110 .0130 | .500 |

| Galvanized • Galvannealed Steel Sheets | | | |
|--|-------------------|-------------|------------------|
| Thickness Tolerance Ranges | | | |
| Gauge No. | Thickness, Inches | | Lbs. Per Sq. Ft. |
| | Dec. Equiv. | Tol. Ranges | |
| | | | |
| 10 | .1382 | .1292 .1472 | 5.781 |
| 11 | .1233 | .1143 .1323 | 5.156 |
| 12 | .1084 | .0994 .1174 | 4.531 |
| 13 | .0934 | .0854 .1014 | 3.906 |
| 14 | .0785 | .0705 .0865 | 3.281 |
| 15 | .0710 | .0650 .0770 | 2.969 |
| 16 | .0635 | .0575 .0695 | 2.656 |
| 17 | .0575 | .0525 .0625 | 2.406 |
| 18 | .0516 | .0466 .0566 | 2.156 |
| 19 | .0456 | .0406 .0506 | 1.906 |
| 20 | .0396 | .0356 .0436 | 1.656 |
| 21 | .0366 | .0326 .0406 | 1.531 |
| 22 | .0336 | .0296 .0376 | 1.406 |
| 23 | .0306 | .0266 .0346 | 1.281 |
| 24 | .0276 | .0236 .0316 | 1.156 |
| 25 | .0247 | .0217 .0287 | 1.031 |
| 26 | .0217 | .0187 .0247 | .906 |
| 27 | .0202 | .0172 .0232 | .844 |
| 28 | .0187 | .0157 .0217 | .781 |
| 29 | .0172 | .0142 .0202 | .719 |
| 30 | .0157 | .0127 .0187 | .656 |

HOT ROLLED COIL

CS-B

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|---------|-------|-------------|--------|
| 16 Ga. | CS-B | 36" | 2.500 | 21107 |
| 16 Ga. | CS-B | 48" | 2.500 | 01946 |
| 14 Ga. | CS-B | 48" | 3.125 | 26886 |
| 14 Ga. | CS-B TP | 48" | 3.125 | 21570 |
| 14 Ga. | CS-B | 60" | 3.125 | 26575 |
| 14 Ga. | CS-B TP | 60" | 3.125 | 21571 |
| 12 Ga. | CS-B TP | 36" | 4.375 | 21113 |
| 12 Ga. | CS-B | 48" | 4.375 | 26887 |
| 12 Ga. | CS-B | 60" | 4.375 | 26576 |
| 12 Ga. | CS-B | 72" | 4.375 | 01924 |
| 11 Ga. | CS-B | 48" | 5.000 | 29109 |
| 11 Ga. | CS-B | 60" | 5.000 | 26577 |
| 11 Ga. | CS-B | 72" | 5.000 | 01919 |
| 10 Ga. | CS-B | 48" | 5.625 | 29110 |
| 10 Ga. | CS-B | 60" | 5.625 | 26578 |
| 10 Ga. | CS-B | 72" | 5.625 | 01918 |
| 8 Ga. | CS-B | 48" | 6.875 | 01907 |
| 7 Ga. | CS-B | 48" | 7.500 | 29111 |
| 7 Ga. | CS-B | 60" | 7.500 | 26579 |
| 7 Ga. | CS-B | 72" | 7.500 | 01913 |

HOT ROLLED COIL

Grade 36

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------|-------------|--------|
| 3/16" | GR36 | 48" | 7.660 | 26889 |
| 3/16" | GR36 | 60" | 7.660 | 25237 |
| 3/16" | GR36 | 72" | 7.660 | 01944 |
| 1/4" | GR36 | 48" | 10.210 | 25069 |
| 1/4" | GR36 | 60" | 10.210 | 24241 |
| 1/4" | GR36 | 72" | 10.210 | 01935 |
| 5/16" | GR36 | 48" | 12.760 | 01943 |
| 5/16" | GR36 | 60" | 12.760 | 01951 |
| 5/16" | GR36 | 72" | 12.760 | 01953 |
| 3/8" | GR36 | 48" | 15.320 | 01955 |
| 3/8" | GR36 | 60" | 15.320 | 01958 |
| 3/8" | GR36 | 72" | 15.320 | 01960 |
| 1/2" | GR36 | 48" | 20.420 | 01921 |
| 1/2" | GR36 | 60" | 20.420 | 01923 |
| 1/2" | GR36 | 72" | 20.420 | 01925 |
| 5/8" | GR36 | 48" | 25.530 | 31969 |
| 5/8" | GR36 | 60" | 25.530 | 31970 |
| 5/8" | GR36 | 72" | 25.530 | 31971 |
| 3/4" | GR36 | 48" | 30.630 | 31973 |
| 3/4" | GR36 | 60" | 30.630 | 31974 |
| 3/4" | GR36 | 72" | 30.630 | 31975 |

HOT ROLLED COIL

Grade 50

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|-------|-------|-------------|--------|
| 10 Ga. | GR50 | 48" | 5.625 | 30045 |
| 10 Ga. | GR50 | 60" | 5.625 | 22958 |
| 10 Ga. | GR50 | 72" | 5.625 | 24960 |
| 3/16" | GR50 | 48" | 7.660 | 22959 |
| 3/16" | GR50 | 60" | 7.660 | 22960 |
| 3/16" | GR50 | 72" | 7.660 | 22961 |
| 1/4" | GR50 | 48" | 10.210 | 22962 |
| 1/4" | GR50 | 60" | 10.210 | 22963 |
| 1/4" | GR50 | 72" | 10.210 | 28208 |
| 1/4" | GR50 | 96" | 10.210 | 31977 |
| 5/16" | GR50 | 48" | 12.760 | 22965 |
| 5/16" | GR50 | 60" | 12.760 | 22966 |
| 5/16" | GR50 | 72" | 12.760 | 22967 |
| 3/8" | GR50 | 48" | 15.320 | 22968 |
| 3/8" | GR50 | 60" | 15.320 | 24000 |
| 3/8" | GR50 | 72" | 15.320 | 26918 |
| 3/8" | GR50 | 96" | 15.320 | 31978 |
| 1/2" | GR50 | 48" | 20.420 | 22969 |
| 1/2" | GR50 | 60" | 20.420 | 23999 |
| 1/2" | GR50 | 72" | 20.420 | 30052 |
| 1/2" | GR50 | 96" | 20.420 | 31979 |
| 5/8" | GR50 | 60" | 25.530 | 31980 |
| 3/4" | GR50 | 60" | 30.630 | 31982 |
| 3/4" | GR50 | 72" | 30.630 | 33627 |

HOT ROLLED COIL

Grade 80

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|-------|-------|-------------|--------|
| 10 Ga. | GR80 | 60" | 5.625 | 29956 |
| 7 Ga. | GR80 | 60" | 7.500 | 27509 |
| 3/16" | GR80 | 60" | 7.660 | 29950 |
| 1/4" | GR80 | 60" | 10.210 | 29951 |
| 1/4" | GR80 | 72" | 10.210 | 25688 |
| 5/16" | GR80 | 60" | 12.760 | 29952 |
| 3/8" | GR80 | 48" | 15.320 | 30553 |
| 3/8" | GR80 | 60" | 15.320 | 29953 |
| 3/8" | GR80 | 72" | 15.320 | 30280 |
| 1/2" | GR80 | 60" | 20.420 | 28611 |
| 1/2" | GR80 | 72" | 20.420 | 32785 |

HOT ROLLED COIL

Grade 100

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------|-------------|--------|
| 3/16" | GR100 | 60" | 7.660 | 33633 |
| 1/4" | GR100 | 60" | 10.210 | 33634 |
| 5/16" | GR100 | 60" | 12.760 | 33635 |
| 3/8" | GR100 | 60" | 15.320 | 33636 |

HOT ROLLED P&O COIL

CS-B

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|----------------|-------|-------------|--------|
| 14 Ga. | CS-B P&O ME | 48" | 3.125 | 21127 |
| 14 Ga. | CS-B P&O ME | 60" | 3.125 | 21128 |
| 14 Ga. | CS-B P&O ME TP | 48" | 3.125 | 25946 |
| 14 Ga. | CS-B P&O ME TP | 60" | 3.125 | 23247 |
| 12 Ga. | CS-B P&O ME | 48" | 4.375 | 21129 |
| 12 Ga. | CS-B P&O ME | 60" | 4.375 | 21130 |
| 12 Ga. | CS-B P&O ME TP | 48" | 4.375 | 22952 |
| 11 Ga. | CS-B P&O ME | 48" | 5.000 | 22448 |
| 11 Ga. | CS-B P&O ME | 60" | 5.000 | 30093 |
| 11 Ga. | CS-B P&O ME TP | 48" | 5.000 | 25926 |
| 11 Ga. | CS-B P&O ME TP | 60" | 5.000 | 25927 |
| 10 Ga. | CS-B P&O ME | 48" | 5.625 | 21132 |
| 10 Ga. | CS-B P&O ME | 60" | 5.625 | 21133 |
| 10 Ga. | CS-B P&O ME | 72" | 5.625 | 34582 |
| 10 Ga. | CS-B P&O ME TP | 48" | 5.625 | 22953 |
| 7 Ga. | CS-B P&O ME | 48" | 7.500 | 21139 |
| 7 Ga. | CS-B P&O ME | 60" | 7.500 | 21135 |
| 7 Ga. | CS-B P&O ME TP | 48" | 7.500 | 22954 |
| 7 Ga. | CS-B P&O TP | 60" | 7.500 | 42496 |
| 3/16" | CS-B P&O | 48" | 7.660 | 42472 |
| 3/16" | CS-B P&O TP | 48" | 7.660 | 42474 |
| 1/4" | CS-B P&O TP | 48" | 10.210 | 42482 |
| 1/4" | CS-B P&O ME | 48" | 10.210 | 21137 |
| 1/4" | CS-B P&O ME | 60" | 10.210 | 21265 |
| 3/8" | CS-B P&O ME | 60" | 15.320 | 30471 |
| 1/2" | CS-B P&O ME | 60" | 20.420 | 30426 |

HOT ROLLED P&O COIL

Grade 36

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|-------------|-------|-------------|--------|
| 11 Ga. | GR36 P&O TP | 48" | 5.000 | 42441 |
| 3/16" | GR36 P&O ME | 60" | 7.660 | 30325 |
| 1/4" | GR36 P&O ME | 60" | 10.210 | 30470 |
| 5/16" | GR36 P&O ME | 60" | 12.760 | 30324 |
| 3/8" | GR36 P&O ME | 60" | 15.320 | 28970 |
| 1/2" | GR36 P&O ME | 60" | 20.420 | 28971 |

HOT ROLLED P&O COIL

Grade 50

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|-------|-------------|-------|-------------|--------|
| 3/16" | GR50 P&O ME | 60" | 7.660 | 33074 |
| 1/4" | GR50 P&O ME | 60" | 10.210 | 32187 |
| 5/16" | GR50 P&O ME | 60" | 12.760 | 30279 |
| 3/8" | GR50 P&O ME | 60" | 15.320 | 32191 |
| 1/2" | GR50 P&O ME | 60" | 20.420 | 30472 |

COLD ROLLED COIL

CS-B

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|----------|-------|-------------|--------|
| 24 Ga. | CS-B M&O | 48" | 0.999 | 41215 |
| 22 Ga. | CS-B M&O | 36" | 1.249 | 41209 |
| 22 Ga. | CS-B M&O | 48" | 1.249 | 41211 |
| 20 Ga. | CS-B | 48" | 1.500 | 01789 |
| 20 Ga. | CS-B M&O | 60" | 1.500 | 41203 |
| 18 Ga. | CS-B M&O | 24" | 2.000 | 41140 |
| 18 Ga. | CS-B M&O | 36" | 2.000 | 41185 |
| 18 Ga. | CS-B | 48" | 2.000 | 01783 |
| 18 Ga. | CS-B | 60" | 2.000 | 21596 |
| 16 Ga. | CS-B M&O | 36" | 2.500 | 41177 |
| 16 Ga. | CS-B | 48" | 2.500 | 01776 |
| 16 Ga. | CS-B | 60" | 2.500 | 01782 |
| 16 Ga. | CS-B M&O | 60" | 2.500 | 41181 |
| 14 Ga. | CS-B M&O | 36" | 3.125 | 41166 |
| 14 Ga. | CS-B | 48" | 3.125 | 26524 |
| 14 Ga. | CS-B | 60" | 3.125 | 28152 |
| 14 Ga. | CS-B | 72" | 3.125 | 26814 |
| 13 Ga. | CS-B M&O | 48" | 3.750 | 41163 |
| 13 Ga. | CS-B M&O | 60" | 3.750 | 44858 |
| 12 Ga. | CS-B M&O | 48" | 4.375 | 41159 |
| 12 Ga. | CS-B M&O | 60" | 4.375 | 41160 |
| 11 Ga. | CS-B M&O | 48" | 5.000 | 41154 |
| 11 Ga. | CS-B M&O | 60" | 5.000 | 41155 |
| 10 Ga. | CS-B M&O | 48" | 5.625 | 41149 |
| 10 Ga. | CS-B M&O | 60" | 5.625 | 41150 |

ELECTRO-GALVANIZED COIL

CS-B

| Gauge | Grade | Width | Wt./Sq. Ft. | Item # |
|--------|-------|-------|-------------|--------|
| 24 Ga. | CS-B | 48" | 0.999 | 41394 |
| 22 Ga. | CS-B | 48" | 1.250 | 41319 |
| 20 Ga. | CS-B | 48" | 1.501 | 41388 |
| 20 Ga. | CS-B | 60" | 1.501 | 41389 |
| 18 Ga. | CS-B | 36" | 1.998 | 41382 |
| 18 Ga. | CS-B | 48" | 1.998 | 41383 |
| 18 Ga. | CS-B | 60" | 1.998 | 41384 |
| 16 Ga. | CS-B | 36" | 2.500 | 41376 |
| 16 Ga. | CS-B | 48" | 2.500 | 41377 |
| 16 Ga. | CS-B | 60" | 2.500 | 41378 |
| 14 Ga. | CS-B | 48" | 3.123 | 41373 |
| 14 Ga. | CS-B | 60" | 3.123 | 41374 |

GALVANIZED COIL

CS-B G40

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|--------------|-------|-------------|--------|
| 28 Ga. | CS-B G40 CTD | 36" | 0.781 | 42212 |
| 28 Ga. | CS-B G40 CTD | 48" | 0.781 | 42214 |
| 28 Ga. | CS-B G40 CTD | 49" | 0.781 | 42215 |
| 26 Ga. | CS-B G40 CTD | 36" | 0.906 | 42123 |
| 26 Ga. | CS-B G40 CTD | 60" | 0.906 | 42125 |

GALVANIZED COIL

CS-B G60

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-----------------|-------|-------------|--------|
| 26 Ga. | CS-B G60 CTD | 36" | 0.906 | 42136 |
| 26 Ga. | CS-B G60 CTD | 48" | 0.906 | 42138 |
| 26 Ga. | CS-B G60 CTD | 60" | 0.906 | 42139 |
| 24 Ga. | CS-B G60 CTD | 48" | 1.156 | 42088 |
| 24 Ga. | CS-B G60 CTD | 60" | 1.156 | 42089 |
| 22 Ga. | CS-B G60 CTD UL | 60" | 1.406 | 42035 |
| 20 Ga. | CS-B G60 CTD UL | 60" | 1.656 | 41994 |

GALVANIZED COIL

CS-B G90

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------------|---------|-------------|--------|
| 26 Ga. | CS-B G90 CTD | 36" | 0.906 | 42123 |
| 26 Ga. | CS-B G90 CTD | 48" | 0.906 | 42148 |
| 26 Ga. | CS-B G90 CTD | 49" | 0.906 | 42149 |
| 26 Ga. | CS-B G90 CTD | 60" | 0.906 | 42151 |
| 24 Ga. | CS-B G90 BDZ | 48" | 1.156 | 42115 |
| 24 Ga. | CS-B G90 CTD | 36" | 1.156 | 42098 |
| 24 Ga. | CS-B G90 CTD UL | 36" | 1.156 | 42107 |
| 24 Ga. | CS-B G90 CTD | 48" | 1.156 | 42101 |
| 24 Ga. | CS-B G90 CTD ROHS | 48" | 1.156 | 42106 |
| 24 Ga. | CS-B G90 CTD | 60" | 1.156 | 42104 |
| 22 Ga. | CS-B G90 CTD | 48" | 1.406 | 42042 |
| 22 Ga. | CS-B G90 CTD | 48 1/2" | 1.406 | 42044 |
| 22 Ga. | CS-B G90 CTD | 60" | 1.406 | 42046 |
| 22 Ga. | CS-B G90 CTD UL | 48" | 1.406 | 42054 |
| 22 Ga. | CS-B G90 CTD UL | 60" | 1.406 | 42055 |
| 20 Ga. | CS-B G90 CTD | 36" | 1.656 | 41999 |
| 20 Ga. | CS-B G90 CTD | 48" | 1.656 | 42001 |
| 20 Ga. | CS-B G90 CTD ROHS | 48" | 1.656 | 42008 |
| 20 Ga. | CS-B G90 CTD ROHS | 60" | 1.656 | 42009 |
| 20 Ga. | CS-B G90 CTD UL | 48" | 1.656 | 42010 |
| 20 Ga. | CS-B G90 CTD UL | 60" | 1.656 | 42011 |
| 18 Ga. | CS-B G90 CTD | 36" | 2.157 | 41954 |
| 18 Ga. | CS-B G90 CTD | 42" | 2.157 | 41956 |
| 18 Ga. | CS-B G90 CTD | 48" | 2.157 | 41957 |
| 18 Ga. | CS-B G90 CTD | 48 1/2" | 2.157 | 41958 |
| 18 Ga. | CS-B G90 CTD ROHS | 48" | 2.157 | 41961 |
| 16 Ga. | CS-B G90 CTD | 36" | 2.655 | 41905 |
| 16 Ga. | CS-B G90 CTD | 48" | 2.655 | 41907 |
| 16 Ga. | CS-B G90 CTD | 60" | 2.655 | 41910 |
| 16 Ga. | CS-B G90 CTD ROHS | 48" | 2.655 | 41914 |
| 16 Ga. | CS-B G90 CTD ROHS | 60" | 2.655 | 41916 |
| 16 Ga. | CS-B G90 CTD UL | 36" | 2.655 | 44934 |
| 14 Ga. | CS-B G90 CTD | 36" | 3.282 | 41866 |
| 14 Ga. | CS-B G90 CTD | 48" | 3.282 | 41867 |
| 14 Ga. | CS-B G90 CTD | 60" | 3.282 | 41869 |
| 14 Ga. | CS-B G90 CTD ROHS | 48" | 3.282 | 41871 |
| 14 Ga. | CS-B G90 CTD ROHS | 60" | 3.282 | 44932 |

GALVANIZED COIL

CS-B G90

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------------|-------|-------------|--------|
| 13 Ga. | CS-B G90 CTD ROHS | 48" | 3.905 | 41860 |
| 12 Ga. | CS-B G90 CTD | 36" | 4.533 | 41828 |
| 12 Ga. | CS-B G90 CTD | 48" | 4.533 | 41832 |
| 12 Ga. | CS-B G90 CTD | 60" | 4.533 | 41836 |
| 12 Ga. | CS-B G90 CTD XS | 60" | 4.533 | 37055 |
| 11 Ga. | CS-B G90 CTD | 48" | 5.156 | 41822 |
| 11 Ga. | CS-B G90 CTD ROHS | 48" | 5.156 | 41823 |
| 10 Ga. | CS-B G90 CTD | 48" | 5.778 | 41817 |
| 10 Ga. | CS-B G90 CTD | 60" | 5.778 | 41819 |

INQUIRE REGARDING: Painted galvanized stock

GALVANNEALED COIL

CS-B A40

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------------|-------|-------------|--------|
| 30 Ga. | CS-B A40 CTD | 48" | 0.640 | 41585 |
| 26 Ga. | CS-B A40 CTD | 52" | 0.906 | 41579 |
| 24 Ga. | CS-B A40 NCTD | 48" | 1.154 | 41572 |
| 24 Ga. | CS-B A40 NCTD | 60" | 1.154 | 41573 |
| 22 Ga. | CS-B A40 CTD | 48" | 1.405 | 41561 |
| 22 Ga. | CS-B A40 CTD | 60" | 1.405 | 41562 |
| 22 Ga. | CS-B A40 NCTD | 60" | 1.405 | 41565 |
| 20 Ga. | CS-B A40 CTD | 48" | 1.655 | 41548 |
| 20 Ga. | CS-B A40 CTD | 60" | 1.655 | 41549 |
| 20 Ga. | CS-B A40 NCTD | 48" | 1.655 | 41551 |
| 20 Ga. | CS-B A40 NCTD XS | 60" | 1.655 | 41553 |
| 18 Ga. | CS-B A40 CTD | 48" | 2.157 | 41534 |
| 18 Ga. | CS-B A40 CTD | 60" | 2.157 | 41535 |
| 18 Ga. | CS-B A40 CTD ROHS | 48" | 2.157 | 41536 |
| 18 Ga. | CS-B A40 NCTD | 48" | 2.157 | 41539 |
| 18 Ga. | CS-B A40 NCTD | 60" | 2.157 | 41540 |
| 16 Ga. | CS-B A40 CTD | 36" | 2.655 | 41505 |
| 16 Ga. | CS-B A40 CTD | 48" | 2.655 | 41506 |
| 16 Ga. | CS-B A40 CTD | 60" | 2.655 | 41507 |
| 16 Ga. | CS-B A40 CTD | 64" | 2.655 | 47605 |
| 16 Ga. | CS-B A40 NCTD | 48" | 2.655 | 41516 |
| 16 Ga. | CS-B A40 NCTD | 60" | 2.655 | 41517 |
| 16 Ga. | CS-B A40 NCTD XS | 48" | 2.655 | 41520 |
| 16 Ga. | CS-B A40 NCTD XS | 55" | 2.655 | 41521 |
| 16 Ga. | CS-B A40 NCTD XS | 60" | 2.655 | 41522 |
| 14 Ga. | CS-B A40 CTD | 48" | 3.282 | 41485 |
| 14 Ga. | CS-B A40 CTD | 60" | 3.282 | 41486 |
| 14 Ga. | CS-B A40 NCTD | 48" | 3.282 | 41489 |
| 14 Ga. | CS-B A40 NCTD | 60" | 3.282 | 41491 |
| 13 Ga. | CS-B A40 CTD | 48" | 3.905 | 41482 |
| 12 Ga. | CS-B A40 NCTD | 48" | 4.533 | 41473 |
| 12 Ga. | CS-B A40 NCTD | 60" | 4.533 | 41474 |
| 12 Ga. | CS-B A40 CTD | 30" | 4.533 | 41468 |
| 12 Ga. | CS-B A40 CTD | 36" | 4.533 | 41469 |
| 12 Ga. | CS-B A40 CTD | 48" | 4.533 | 41470 |
| 12 Ga. | CS-B A40 CTD | 60" | 4.533 | 41471 |
| 11 Ga. | CS-B A40 NCTD | 48" | 5.155 | 41461 |
| 11 Ga. | CS-B A40 NCTD | 60" | 5.155 | 41462 |
| 11 Ga. | CS-B A40 CTD | 48" | 5.155 | 41459 |
| 11 Ga. | CS-B A40 CTD | 60" | 5.155 | 41460 |
| 10 Ga. | CS-B A40 NCTD | 48" | 5.637 | 41453 |
| 10 Ga. | CS-B A40 CTD | 60" | 5.637 | 41452 |

GALVANNEALED COIL

CS-B A60

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------------|-------|-------------|--------|
| 24 Ga. | CS-B A60 CTD | 60" | 1.154 | 41576 |
| 18 Ga. | CS-B A60 CTD | 48" | 2.157 | 41542 |
| 18 Ga. | CS-B A60 CTD | 60" | 2.157 | 41543 |
| 18 Ga. | CS-B A60 NCTD | 60" | 2.157 | 41544 |
| 16 Ga. | CS-B A60 CTD | 48" | 2.655 | 41524 |
| 16 Ga. | CS-B A60 CTD | 60" | 2.655 | 41526 |
| 16 Ga. | CS-B A60 CTD ROHS | 36" | 2.655 | 41527 |
| 16 Ga. | CS-B A60 CTD ROHS | 48" | 2.655 | 41529 |
| 16 Ga. | CS-B A60 CTD ROHS | 60" | 2.655 | 41531 |
| 16 Ga. | CS-B A60 CTD NCTD | 48" | 2.655 | 41532 |
| 14 Ga. | CS-B A60 CTD | 48" | 3.282 | 41493 |
| 14 Ga. | CS-B A60 CTD | 60" | 3.282 | 41494 |
| 14 Ga. | CS-B A60 CTD ROHS | 36" | 3.282 | 41495 |
| 14 Ga. | CS-B A60 CTD ROHS | 48" | 3.282 | 41496 |
| 14 Ga. | CS-B A60 CTD ROHS | 60" | 3.282 | 41497 |
| 12 Ga. | CS-B A60 CTD | 48" | 4.533 | 41475 |
| 12 Ga. | CS-B A60 CTD | 60" | 4.533 | 41476 |
| 12 Ga. | CS-B A60 CTD ROHS | 48" | 4.533 | 41477 |
| 10 Ga. | CS-B A60 CTD | 48" | 5.637 | 41454 |
| 10 Ga. | CS-B A60 CTD | 60" | 5.637 | 41455 |

FLOOR PLATE COIL

CS-B ME

| Gauge | Width | Wt./Sq. Ft. | Item # |
|--------|-------|-------------|--------|
| 14 Ga. | 48" | 3.750 | 01180 |
| 12 Ga. | 48" | 5.250 | 18454 |
| 12 Ga. | 60" | 5.250 | 01879 |
| 1/8" | 48" | 6.160 | 18453 |
| 1/8" | 60" | 6.160 | 01812 |
| 1/8" | 72" | 6.160 | 01817 |
| 3/16" | 48" | 8.710 | 01823 |
| 3/16" | 60" | 8.710 | 01825 |
| 3/16" | 72" | 8.710 | 01828 |
| 1/4" | 48" | 11.260 | 01845 |
| 1/4" | 60" | 11.260 | 01848 |
| 1/4" | 72" | 11.260 | 01860 |
| 3/8" | 48" | 16.370 | 01865 |
| 1/2" | 48" | 21.470 | 01866 |

EXPANDED METAL

EXPANDED METALS SPECIFICATIONS

Our stock Carbon Expanded Metals conform to standard dimensional specification ASTM F1267 and are suitable for general purpose applications. These products are typically not certified to be considered for structural use.

EXPANDED METAL

| Style Designation | Lbs./ Sq. Ft. | Size of Opening in Inches | | Center to Center of Bridges in Inches | | Size of Strands in Inches | | Item # |
|-------------------|---------------|---------------------------|---------|---------------------------------------|--------|---------------------------|--------|--------|
| | | Width | Length | Width | Length | Width | Length | |
| 1/2" - 13 | 1.47 | 5/16 | 15/16 | .500 | 1.2 | .092 | .096 | 04960 |
| 3/4" - 13 | .80 | 3/4 | 1 11/16 | .923 | 2.0 | .096 | .096 | 04962 |
| 3/4" - 9 | 1.80 | 11/16 | 1 9/16 | .923 | 2.0 | .134 | .150 | 04964 |
| 1 1/2" - 9 | 1.20 | 1 1/8 | 2 3/8 | 1.330 | 3.0 | .134 | .134 | 04966 |
| 1 1/2" - 6 | 2.50 | 1 | 2 5/16 | 1.330 | 3.0 | .198 | .203 | 04968 |

FLATTENED EXPANDED METAL

| Style Designation | Lbs./ Sq. Ft. | Size of Opening in Inches | | Center to Center of Bridges in Inches | | Approximate Thickness of Strands in Inches | Item # |
|-------------------|---------------|---------------------------|---------|---------------------------------------|--------|--|--------|
| | | Width | Length | Width | Length | | |
| 1/4" - 18 - 20 | 1.08 | 3/32 | 11/16 | .255 | 1.031 | .040 | 04927 |
| 1/2" - 16 - 18 | .82 | 1/4 | 1 | .500 | 1.260 | .050 | 04929 |
| 1/2" - 13 - 15 | 1.40 | 1/4 | 1 | .500 | 1.260 | .070 | 04930 |
| 3/4" - 16 - 18 Hy | .51 | 3/4 | 1 3/4 | .923 | 2.100 | .048 | 04931 |
| 3/4" - 13 - 15 | .75 | 11/16 | 1 25/32 | .923 | 2.100 | .070 | 04933 |
| 3/4" - 9 - 11 | 1.71 | 9/16 | 1 11/16 | .923 | 2.120 | .120 | 04934 |
| 1 1/2" - 9 - 11 | 1.14 | 1 | 2 9/16 | 1.330 | 3.200 | .110 | 04936 |

GRATINGS, SKYWALK, and WALKWAY

| Style Designation | Lbs./ Sq. Ft. | Size of Opening in Inches | | Center to Center of Bridges in Inches | | Size of Strands in Inches | | Item # |
|-------------------|---------------|---------------------------|--------|---------------------------------------|--------|---------------------------|-------|--------|
| | | Width | Length | Width | Length | Thick | Width | |
| Walkway | 4.27 lb. | 1 | 2 7/8 | 1.412 | 4.00 | .250 | .300 | 04977 |
| Skywalk | 3.14 lb. | 1 5/8 | 4 7/8 | 2.000 | 6.00 | .250 | .312 | 18737 |
| 3.0 lb. Grating | 3.00 | 15/16 | 3 7/16 | 1.333 | 5.33 | .183 | .264 | 04949 |
| 4.0 lb. Grating | 4.00 | 15/16 | 3 7/16 | 1.333 | 5.33 | .215 | .300 | 04950 |
| 5.0 lb. Grating | 5.00 | 13/16 | 3 3/8 | 1.333 | 5.33 | .250 | .331 | 05355 |
| 6.25 lb. Grating | 6.25 | 13/16 | 3 3/8 | 1.410 | 5.33 | .312 | .350 | 05354 |

All dimensions and weights are approximate and are subject to mill tolerances.

FLATS

FLATS SPECIFICATIONS

Cold Drawn Flats

Most of our stock Carbon Cold Drawn Flats are certified to ASTM A108 Grade C1018. These low carbon products have a medium manganese content that make them readily weldable and are suitable for general purpose applications. C1018 Cold Drawn Flats also provide good case hardening and fair machinability properties. ASTM A108 products are typically not tensile tested by the producers so no yield, tensile, or elongation percentages will be shown on the test reports, only the chemical composition is required.

Hot Rolled Flats

Our stock Hot Rolled Carbon Flats are certified to ASTM A36 and ASTM A529 Grade 50. With minimum yield strengths of 50 KSI and maximum tensile strengths of 80 KSI, these products are ideal for structural applications.

COLD DRAWN FLATS

Conforms to ASTM A108 / C1018 x 12' Lengths

| Size | Lbs./Ft. | Lbs./12' | Item # |
|-------------|----------|----------|--------|
| 1/4 X 2 | 1.70 | 20.40 | 02217 |
| 1/4 X 4 | 3.40 | 40.80 | 01268 |
| 3/8 X 1 1/2 | 1.91 | 22.92 | 01273 |
| 3/8 X 2 | 2.55 | 30.60 | 01274 |
| 3/8 X 3 | 3.825 | 45.90 | 23357 |
| 3/8 X 4 | 5.10 | 61.20 | 02223 |
| 1/2 X 1 | 1.70 | 20.40 | 01275 |
| 1/2 X 1 1/2 | 2.55 | 30.60 | 20077 |
| 1/2 X 2 | 3.40 | 40.80 | 01276 |
| 1/2 X 2 1/2 | 4.25 | 51.00 | 01277 |
| 1/2 X 3 | 5.10 | 61.20 | 01278 |
| 1/2 X 4 | 6.80 | 81.60 | 02226 |
| 3/4 X 1 | 2.55 | 30.60 | 20852 |
| 3/4 X 1 1/2 | 3.83 | 45.96 | 02229 |
| 3/4 X 2 | 5.10 | 61.20 | 01281 |
| 3/4 X 3 | 7.65 | 91.80 | 01282 |
| 3/4 X 4 | 10.20 | 122.40 | 31051 |
| 1 X 1 1/2 | 5.10 | 61.20 | 18361 |
| 1 X 2 | 6.80 | 81.60 | 20081 |
| 1 X 3 | 10.20 | 122.40 | 01284 |
| 1 X 4 | 13.60 | 163.20 | 01285 |
| 1 X 6 | 20.40 | 244.80 | 29949 |
| 1 1/2 X 3 | 15.30 | 183.60 | 19866 |

INQUIRE REGARDING: Other grades & sizes

HOT ROLLED FLATS

A36 / Grade 50

| Size | Lbs./Ft. | Lbs./20' | Item # |
|--------------|----------|----------|--------|
| 1/4 X 1/2 | .425 | 8.50 | 00516 |
| 1/4 X 3/4 | .638 | 12.76 | 00538 |
| 1/4 X 1 | .85 | 17.00 | 00541 |
| 1/4 X 1 1/4 | 1.06 | 21.20 | 00547 |
| 1/4 X 1 1/2 | 1.28 | 25.60 | 00550 |
| 1/4 X 1 3/4 | 1.49 | 29.80 | 00554 |
| 1/4 X 2 | 1.70 | 34.00 | 00557 |
| 1/4 X 2 1/4 | 1.91 | 38.20 | 00565 |
| 1/4 X 2 1/2 | 2.13 | 42.60 | 00567 |
| 1/4 X 2 3/4 | 2.34 | 46.80 | 00568 |
| 1/4 X 3 | 2.55 | 51.00 | 00570 |
| 1/4 X 3 1/4 | 2.763 | 55.26 | 28217 |
| 1/4 X 3 1/2 | 2.98 | 59.60 | 00574 |
| 1/4 X 4 | 3.40 | 68.00 | 00575 |
| 1/4 X 4 1/2 | 3.83 | 76.60 | 00578 |
| 1/4 X 5 | 4.25 | 85.00 | 00579 |
| 1/4 X 5 1/2 | 4.68 | 93.60 | 00581 |
| 1/4 X 6 | 5.10 | 102.00 | 00582 |
| 1/4 X 6 1/2 | 5.53 | 110.60 | 00583 |
| 1/4 X 7 | 5.95 | 119.00 | 00586 |
| 1/4 X 8 | 6.80 | 136.00 | 00588 |
| 1/4 X 9 | 7.66 | 153.20 | 00803 |
| 1/4 X 10 | 8.51 | 170.20 | 00811 |
| 1/4 X 12 | 10.21 | 204.20 | 00822 |
| 5/16 X 1 | 1.06 | 21.20 | 00589 |
| 5/16 X 1 1/4 | 1.33 | 26.60 | 00591 |
| 5/16 X 1 1/2 | 1.59 | 31.80 | 00597 |
| 5/16 X 2 | 2.13 | 42.60 | 00599 |
| 5/16 X 2 1/2 | 2.66 | 53.20 | 00601 |
| 5/16 X 3 | 3.19 | 63.80 | 00603 |
| 5/16 X 3 1/2 | 3.72 | 74.40 | 00607 |
| 5/16 X 4 | 4.25 | 85.00 | 00610 |
| 5/16 X 5 | 5.31 | 106.20 | 00617 |
| 5/16 X 6 | 6.38 | 127.60 | 00619 |
| 5/16 X 8 | 8.50 | 170.00 | 00625 |
| 3/8 X 3/4 | .956 | 19.20 | 00600 |
| 3/8 X 1 | 1.28 | 25.60 | 00608 |
| 3/8 X 1 1/4 | 1.59 | 31.80 | 00612 |
| 3/8 X 1 1/2 | 1.91 | 38.20 | 00614 |
| 3/8 X 1 3/4 | 2.23 | 44.60 | 00616 |
| 3/8 X 2 | 2.55 | 51.00 | 00618 |
| 3/8 X 2 1/4 | 2.87 | 57.40 | 00648 |
| 3/8 X 2 1/2 | 3.19 | 63.80 | 00622 |
| 3/8 X 2 3/4 | 3.51 | 70.20 | 00623 |
| 3/8 X 3 | 3.83 | 76.60 | 00627 |
| 3/8 X 3 1/2 | 4.46 | 89.20 | 00629 |
| 3/8 X 4 | 5.10 | 102.00 | 00630 |
| 3/8 X 4 1/2 | 5.74 | 114.80 | 00631 |

HOT ROLLED FLATS

A36 / Grade 50

| Size | Lbs./Ft. | Lbs./20' | Item # |
|-------------|----------|----------|--------|
| 3/8 x 5 | 6.38 | 127.60 | 00632 |
| 3/8 x 5 1/2 | 7.01 | 140.20 | 00633 |
| 3/8 x 6 | 7.65 | 153.00 | 00634 |
| 3/8 x 7 | 8.93 | 178.60 | 00637 |
| 3/8 x 8 | 10.20 | 204.00 | 00639 |
| 3/8 x 9 | 11.49 | 229.80 | 00828 |
| 3/8 x 10 | 12.77 | 255.40 | 00833 |
| 3/8 x 11 | 14.04 | 280.80 | 00836 |
| 3/8 x 12 | 15.32 | 306.40 | 00838 |
| 1/2 x 3/4 | 1.28 | 25.60 | 00651 |
| 1/2 x 1 | 1.70 | 34.00 | 00653 |
| 1/2 x 1 1/4 | 2.13 | 42.60 | 00654 |
| 1/2 x 1 1/2 | 2.55 | 51.00 | 00656 |
| 1/2 x 1 3/4 | 2.98 | 59.60 | 00657 |
| 1/2 x 2 | 3.40 | 68.00 | 00659 |
| 1/2 x 2 1/4 | 3.83 | 76.60 | 00661 |
| 1/2 x 2 1/2 | 4.25 | 85.00 | 00663 |
| 1/2 x 3 | 5.10 | 102.00 | 00664 |
| 1/2 x 3 1/2 | 5.95 | 119.00 | 00669 |
| 1/2 x 4 | 6.80 | 136.00 | 00671 |
| 1/2 x 4 1/2 | 7.65 | 153.00 | 00672 |
| 1/2 x 5 | 8.50 | 170.00 | 00675 |
| 1/2 x 5 1/2 | 9.35 | 187.00 | 00677 |
| 1/2 x 6 | 10.20 | 204.00 | 00679 |
| 1/2 x 7 | 11.90 | 238.00 | 00681 |
| 1/2 x 8 | 13.60 | 272.00 | 00683 |
| 1/2 x 9 | 15.32 | 306.40 | 00841 |
| 1/2 x 10 | 17.02 | 340.40 | 00846 |
| 1/2 x 12 | 20.42 | 408.40 | 00850 |
| 5/8 x 1 | 2.125 | 42.50 | 05066 |
| 5/8 x 1 1/2 | 3.19 | 63.80 | 00652 |
| 5/8 x 2 | 4.25 | 85.00 | 00655 |
| 5/8 x 2 1/2 | 5.31 | 106.20 | 00658 |
| 5/8 x 3 | 6.38 | 127.60 | 00660 |
| 5/8 x 3 1/2 | 7.44 | 148.80 | 00662 |
| 5/8 x 4 | 8.50 | 170.00 | 00665 |
| 5/8 x 4 1/2 | 9.56 | 191.20 | 00668 |
| 5/8 x 5 | 10.63 | 212.60 | 00670 |
| 5/8 x 6 | 12.75 | 255.00 | 00673 |
| 5/8 x 7 | 14.88 | 297.60 | 00676 |
| 5/8 x 8 | 17.00 | 340.00 | 00680 |
| 5/8 x 9 | 19.15 | 383.00 | 00818 |
| 5/8 x 10 | 21.27 | 425.40 | 00826 |
| 5/8 x 12 | 25.53 | 510.60 | 00829 |
| 3/4 x 1 | 2.55 | 51.00 | 00690 |
| 3/4 x 1 1/2 | 3.83 | 76.60 | 00693 |
| 3/4 x 1 3/4 | 4.463 | 89.26 | 15890 |
| 3/4 x 2 | 5.10 | 102.00 | 00702 |

HOT ROLLED FLATS

A36 / Grade 50

| Size | | | Lbs./Ft. | Lbs./20' | Item # |
|-------|---|-------|----------|----------|--------|
| 3/4 | X | 2 1/2 | 6.38 | 127.60 | 00705 |
| 3/4 | X | 3 | 7.65 | 153.00 | 00706 |
| 3/4 | X | 3 1/2 | 8.93 | 178.60 | 00708 |
| 3/4 | X | 4 | 10.20 | 204.00 | 00710 |
| 3/4 | X | 4 1/2 | 11.48 | 229.60 | 00712 |
| 3/4 | X | 5 | 12.75 | 255.00 | 00714 |
| 3/4 | X | 5 1/2 | 14.03 | 280.60 | 00775 |
| 3/4 | X | 6 | 15.30 | 306.00 | 00719 |
| 3/4 | X | 7 | 17.85 | 357.00 | 00720 |
| 3/4 | X | 8 | 20.40 | 408.00 | 00722 |
| 3/4 | X | 9 | 22.97 | 459.40 | 00834 |
| 3/4 | X | 10 | 25.52 | 510.40 | 00837 |
| 3/4 | X | 12 | 30.63 | 612.60 | 00839 |
| 1 | X | 1 1/4 | 4.25 | 85.01 | 00691 |
| 1 | X | 1 1/2 | 5.10 | 102.00 | 00694 |
| 1 | X | 2 | 6.80 | 136.00 | 00698 |
| 1 | X | 2 1/2 | 8.50 | 170.00 | 00700 |
| 1 | X | 3 | 10.20 | 204.00 | 00703 |
| 1 | X | 3 1/2 | 11.90 | 238.00 | 00707 |
| 1 | X | 4 | 13.60 | 272.00 | 00709 |
| 1 | X | 4 1/2 | 15.30 | 306.00 | 00711 |
| 1 | X | 5 | 17.00 | 340.00 | 00713 |
| 1 | X | 5 1/2 | 18.70 | 374.00 | 19171 |
| 1 | X | 6 | 20.40 | 408.00 | 00715 |
| 1 | X | 7 | 23.80 | 476.00 | 00717 |
| 1 | X | 8 | 27.20 | 544.00 | 00718 |
| 1 | X | 9 | 30.63 | 612.60 | 00844 |
| 1 | X | 10 | 34.00 | 680.00 | 00851 |
| 1 | X | 12 | 40.84 | 816.80 | 00854 |
| 1 1/4 | X | 3 | 12.75 | 255.00 | 00726 |
| 1 1/4 | X | 4 | 17.00 | 340.00 | 00728 |
| 1 1/4 | X | 5 | 21.25 | 425.00 | 00730 |
| 1 1/4 | X | 6 | 25.00 | 510.00 | 00732 |
| 1 1/2 | X | 2 | 10.20 | 204.00 | 24314 |
| 1 1/2 | X | 3 | 15.30 | 306.00 | 00734 |
| 1 1/2 | X | 4 | 20.40 | 408.00 | 00737 |
| 1 1/2 | X | 6 | 30.60 | 612.00 | 19745 |
| 2 | X | 4 | 27.20 | 544.00 | 00738 |

INQUIRE REGARDING: Other grades & sizes

HOT ROLLED STRIP

A36

| Size | Lbs./Ft. | Lbs./20' | Item # |
|--------------|----------|----------|--------|
| 1/8 x 1/2 | .213 | 4.26 | 00488 |
| 1/8 x 3/4 | .319 | 6.38 | 00501 |
| 1/8 x 1 | .425 | 8.50 | 00517 |
| 1/8 x 1 1/4 | .531 | 10.62 | 00536 |
| 1/8 x 1 1/2 | .638 | 12.76 | 00545 |
| 1/8 x 1 3/4 | .744 | 14.88 | 25467 |
| 1/8 x 2 | .850 | 17.00 | 25466 |
| 1/8 x 2 1/2 | 1.060 | 21.20 | 28985 |
| 1/8 x 3 | 1.280 | 25.60 | 00573 |
| 1/8 x 3 1/2 | 1.490 | 29.80 | 00576 |
| 1/8 x 4 | 1.700 | 34.00 | 00580 |
| 1/8 x 4 1/2 | 1.910 | 38.20 | 00585 |
| 1/8 x 5 | 2.130 | 42.60 | 00587 |
| 1/8 x 6 | 2.550 | 51.00 | 00590 |
| 1/8 x 7 | 2.980 | 59.60 | 00593 |
| 1/8 x 8 | 3.400 | 68.00 | 00594 |
| 1/8 x 10 | 4.250 | 85.00 | 00595 |
| 1/8 x 12 | 5.100 | 102.00 | 00496 |
| 3/16 x 1/2 | .319 | 6.38 | 00667 |
| 3/16 x 3/4 | .478 | 9.56 | 00678 |
| 3/16 x 1 | .638 | 12.76 | 25468 |
| 3/16 x 1 1/4 | .797 | 15.94 | 25375 |
| 3/16 x 1 1/2 | .956 | 19.12 | 25401 |
| 3/16 x 1 3/4 | 1.120 | 22.40 | 00733 |
| 3/16 x 2 | 1.280 | 25.60 | 25470 |
| 3/16 x 2 1/2 | 1.590 | 31.80 | 25471 |
| 3/16 x 3 | 1.910 | 38.20 | 25472 |
| 3/16 x 3 1/2 | 2.230 | 44.60 | 00748 |
| 3/16 x 4 | 2.550 | 51.00 | 00755 |
| 3/16 x 4 1/2 | 2.869 | 57.38 | 00762 |
| 3/16 x 5 | 3.190 | 63.80 | 00772 |
| 3/16 x 6 | 3.830 | 76.60 | 00790 |
| 3/16 x 7 | 4.460 | 89.20 | 00798 |
| 3/16 x 8 | 5.100 | 102.00 | 00801 |
| 3/16 x 10 | 6.380 | 127.60 | 00813 |
| 3/16 x 12 | 7.650 | 153.00 | 00819 |

PIPE & TUBING

PIPE SPECIFICATIONS

Black Pipe

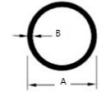
Our stock carbon Black Pipe is carried as plain end in both schedule 40 and extra heavy schedule 80 walls. They are all pressure tested and certified to ASTM A53 Grade B with either Type F (furnace butt welded) or Type E (electric resistance welded) seams. Both weld seam types are acceptable for pressure tested applications and general use, so we typically do not specify seam type when ordering.

BLACK PLAIN END PIPE
Tested Line Pipe—Schedule 40—Standard Weight
ASTM A53 Grade B



| Size Inches | Outside Diameter | Inside Diameter | Wall Thickness | Lbs. Per Ft. | Item # |
|-------------|------------------|-----------------|----------------|--------------|--------|
| | A | | B | | |
| 1/8 | .405 | .269 | .068 | .24 | 01381 |
| 1/4 | .540 | .364 | .088 | .42 | 01383 |
| 3/8 | .675 | .493 | .091 | .57 | 01385 |
| 1/2 | .840 | .622 | .109 | .85 | 01387 |
| 3/4 | 1.050 | .824 | .113 | 1.13 | 01392 |
| 1 | 1.315 | 1.049 | .133 | 1.68 | 01394 |
| 1 1/4 | 1.660 | 1.380 | .140 | 2.27 | 01397 |
| 1 1/2 | 1.900 | 1.610 | .145 | 2.72 | 01398 |
| 2 | 2.375 | 2.067 | .154 | 3.65 | 01400 |
| 2 1/2 | 2.875 | 2.469 | .203 | 5.79 | 01403 |
| 3 | 3.500 | 3.068 | .216 | 7.58 | 01407 |
| 3 1/2 | 4.000 | 3.548 | .226 | 9.11 | 01409 |
| 4 | 4.500 | 4.026 | .237 | 10.79 | 01413 |
| 8 | 8.625 | 7.981 | .322 | 28.55 | 05146 |

EXTRA HEAVY BLACK PIPE P.E.
Tested—Schedule 80
ASTM A53 Grade B



| Size Inches | Outside Diameter | Inside Diameter | Wall Thickness | Lbs. Per Ft. | Item # |
|-------------|------------------|-----------------|----------------|--------------|--------|
| | A | | B | | |
| 3/8 | .675 | .423 | .126 | .730 | 01531 |
| 1/2 | .840 | .546 | .147 | 1.09 | 01544 |
| 3/4 | 1.050 | .742 | .154 | 1.47 | 01548 |
| 1 | 1.315 | .957 | .179 | 2.17 | 01552 |
| 1 1/4 | 1.660 | 1.278 | .191 | 3.00 | 01556 |
| 1 1/2 | 1.900 | 1.500 | .200 | 3.63 | 01562 |
| 2 | 2.375 | 1.939 | .218 | 5.02 | 01565 |
| 2 1/2 | 2.875 | 2.323 | .276 | 7.66 | 01568 |
| 3 | 3.500 | 2.900 | .300 | 10.25 | 01571 |
| 4 | 4.500 | 3.826 | .337 | 14.98 | 01576 |

TUBING SPECIFICATIONS

Carbon Rectangular & Square Tubing

Our stock Carbon Rectangular and Square Tubing is certified to either ASTM A513 MT Type 1A or ASTM A500 Grade B, depending on the size. Products with side dimensions under 2" are typically the non-tensile tested mechanical Grade of ASTM A513, while side dimensions of 2" and larger typically fall under the structural steel ASTM A500 Grade B specification, with mandatory tensile testing reported (minimum strengths of 46 KSI yield and 58 KSI tensile). Both are as-welded ERW (electrical resistance welded) products made from hot rolled low carbon steel and will have some mill scale. The OD flash is removed on all products, but the ID flash is left in on our stock material.

Carbon Round Tubing

We stock three different types of Carbon Round Tubing, depending on the size and your application needs. For non-structural applications our certified ASTM A513 MT Type 1A tubes come readily weldable and formable. For your structural applications, our certified ASTM A500 Grade B pipe sized tubes come fully tensile tested to 46 KSI minimum yield and 58 KSI minimum tensile strength. These are readily weldable and produced into traditional pipe sizes without the pressure testing. Compared to pipe, the pipe sized tubes offer more straightness, a better finish, and higher strength.

For your larger OD pipe applications, our certified ASTM A135 Grade A pipes come fully tensile tested to 30 KSI minimum yield and 48 KSI minimum tensile strengths, as well as pressure tested for true pipe use. All three types are made from hot rolled, low carbon steel and are ERW (electric resistance welded) with the OD flash removed and ID flash left in and plain ends.

RECTANGULAR TUBE

Under 2": ASTM A513 2" & Over: ASTM A500 Grade B



| Size | | Gauge | Wt. Lbs./Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # |
|-------|---------|--------|--------------|--------------|--------|--------------|--------|--------------|--------|
| A | B | C | | | | | | | |
| 1 1/2 | X 3/4 | 16 Ga. | .937 | 18.74 | 50321 | 22.49 | 04842 | 37.48 | |
| 1 1/2 | X 3/4 | 14 Ga. | 1.176 | 23.52 | 00864 | 28.22 | 24449 | 47.04 | |
| 1 1/2 | X 3/4 | 11 Ga. | 1.640 | 32.80 | 50324 | 39.36 | | 79.72 | |
| 1 1/2 | X 1 | 16 Ga. | 1.04 | 20.80 | 50316 | 24.96 | | 41.60 | |
| 1 1/2 | X 1 | 14 Ga. | 1.317 | 26.34 | 50318 | 31.61 | 00871 | 52.68 | |
| 1 1/2 | X 1 | 11 Ga. | 1.844 | 36.88 | 50319 | 44.26 | 00867 | 73.76 | |
| 2 | X 1 | 16 Ga. | 1.268 | 25.36 | 00906 | 30.43 | 00908 | 50.72 | |
| 2 | X 1 | 14 Ga. | 1.599 | 31.98 | 00912 | 38.38 | 00914 | 63.96 | |
| 2 | X 1 | 13 Ga. | 1.82 | 36.40 | 50376 | 43.68 | | 72.80 | |
| 2 | X 1 | 11 Ga. | 2.252 | 45.04 | 00915 | 54.05 | 00920 | 90.08 | |
| 2 | X 1 | 3/16" | 3.039 | 60.78 | 50378 | 72.94 | 00781 | 121.56 | |
| 2 | X 1 1/2 | 14 Ga. | 1.882 | 37.64 | | 45.17 | 00926 | 75.28 | |
| 2 | X 1 1/2 | 11 Ga. | 2.660 | 53.20 | 00922 | 63.84 | | 106.40 | |
| 2 1/2 | X 1 1/2 | 14 Ga. | 2.160 | 43.20 | 50366 | 51.84 | | 86.40 | |
| 2 1/2 | X 1 1/2 | 11 Ga. | 3.070 | 61.40 | 31184 | 73.68 | 00957 | 122.80 | |
| 2 1/2 | X 1 1/2 | 3/16" | 4.320 | 86.40 | 00823 | 103.68 | 00843 | 172.80 | 00847 |
| 2 1/2 | x 1 1/2 | 1/4" | 5.410 | 108.20 | | 129.84 | 35786 | 216.40 | |
| 3 | X 1 | 14 Ga. | 2.160 | 43.20 | 32063 | 51.84 | 00963 | 86.40 | |
| 3 | X 1 | 11 Ga. | 3.070 | 61.40 | 37692 | 73.68 | 00966 | 122.80 | |
| 3 | X 1 1/2 | 14 Ga. | 2.446 | 48.92 | 00898 | 58.70 | 00905 | 97.84 | |
| 3 | X 1 1/2 | 11 Ga. | 3.480 | 69.60 | 00916 | 83.52 | 00944 | 139.20 | |
| 3 | X 1 1/2 | 3/16" | 4.970 | 99.40 | 32155 | 119.28 | 00911 | 198.80 | |
| 3 | X 2 | 14 Ga. | 2.670 | 53.40 | 24302 | 64.08 | 00947 | 106.80 | |
| 3 | X 2 | 11 Ga. | 3.900 | 78.00 | 00949 | 93.60 | 00954 | 156.00 | 00956 |
| 3 | X 2 | 3/16" | 5.590 | 111.80 | 00959 | 134.16 | 00964 | 223.60 | 00967 |
| 3 | X 2 | 1/4" | 7.110 | 142.20 | 00969 | 170.64 | 00973 | 284.40 | 00977 |
| 3 1/2 | X 2 1/2 | 3/16" | 6.870 | 137.40 | 05495 | 164.88 | 23100 | 274.80 | 50403 |
| 3 1/2 | X 2 1/2 | 1/4" | 8.810 | 176.20 | | 211.44 | | 352.40 | 50389 |
| 4 | X 1 1/2 | 11 Ga. | 4.330 | 86.60 | 50414 | 103.92 | 00827 | 173.20 | |
| 4 | X 2 | 14 Ga. | 3.240 | 64.80 | 22557 | 77.76 | 00831 | 129.60 | 05122 |
| 4 | X 2 | 11 Ga. | 4.750 | 95.00 | 00840 | 114.00 | 00845 | 190.00 | 00848 |
| 4 | X 2 | 3/16" | 6.870 | 137.40 | 00853 | 164.88 | 00857 | 274.80 | 00859 |
| 4 | X 2 | 1/4" | 8.810 | 176.20 | 00861 | 211.44 | 00863 | 352.40 | 00866 |
| 4 | X 2 | 5/16" | 10.580 | 211.60 | 00869 | 253.92 | 22456 | 423.20 | 00873 |
| 4 | X 2 | 3/8" | 12.150 | 243.00 | 32125 | 291.60 | | 486.00 | 32020 |

RECTANGULAR TUBE

Under 2": ASTM A513

2" & Over: ASTM A500 Grade B



| Size | | Gauge | Wt. Lbs./ Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # | Wt. Lbs./48' | Item # |
|------|---|-------|---------------|--------------|--------|--------------|--------|--------------|---------|--------------|---------|
| A | B | C | | | | | | | | | |
| 4 | X | 3 | 11 Ga. | 5.610 | 112.20 | 00875 | 134.64 | 00878 | 224.40 | 00880 | 269.28 |
| 4 | X | 3 | 3/16" | 8.150 | 163.00 | 00882 | 195.60 | 00885 | 326.00 | 00888 | 391.20 |
| 4 | X | 3 | 1/4" | 10.510 | 210.20 | 00890 | 252.24 | 00893 | 420.40 | 00896 | 504.48 |
| 4 | X | 3 | 3/8" | 14.720 | 294.40 | 36080 | 353.28 | | 588.80 | 20999 | 706.56 |
| 5 | X | 2 | 11 Ga. | 5.610 | 112.20 | 00951 | 134.64 | 00953 | 224.00 | 00955 | 269.28 |
| 5 | X | 2 | 3/16" | 8.150 | 163.00 | 00958 | 195.60 | 00962 | 326.00 | 00965 | 391.20 |
| 5 | X | 2 | 1/4" | 10.510 | 210.20 | 00968 | 252.24 | 00970 | 420.40 | 00972 | 504.48 |
| 5 | X | 2 1/2 | 3/16" | 8.780 | 175.60 | | 210.72 | 23822 | 351.20 | | 421.44 |
| 5 | X | 3 | 11 Ga. | 6.460 | 129.20 | 00974 | 155.04 | 00978 | 258.40 | 00981 | 310.08 |
| 5 | X | 3 | 3/16" | 9.420 | 188.40 | 00984 | 226.08 | 00987 | 376.80 | 00989 | 452.16 |
| 5 | X | 3 | 1/4" | 12.210 | 244.20 | 00990 | 293.04 | 00992 | 488.40 | 00994 | 586.08 |
| 5 | X | 3 | 5/16" | 14.830 | 296.60 | 00995 | 355.92 | | 593.20 | 01053 | 711.84 |
| 5 | X | 3 | 3/8" | 17.270 | 345.40 | 01058 | 414.48 | | 690.80 | 01061 | 828.96 |
| 5 | X | 3 | 1/2" | 21.630 | 432.60 | | 519.12 | | 865.20 | 50433 | 1038.24 |
| 6 | X | 2 | 11 Ga. | 6.460 | 129.20 | 01031 | 155.04 | 01034 | 258.40 | 01036 | 310.08 |
| 6 | X | 2 | 3/16" | 9.420 | 188.40 | 01037 | 226.08 | 01040 | 376.80 | 01043 | 452.16 |
| 6 | X | 2 | 1/4" | 12.210 | 244.20 | 01047 | 293.04 | 01050 | 488.40 | 01054 | 586.08 |
| 6 | X | 2 | 5/16" | 14.830 | 296.60 | | 249.22 | | 593.20 | 04859 | 498.44 |
| 6 | X | 2 | 3/8" | 17.270 | 345.40 | 34065 | 414.48 | | 690.80 | 27524 | 828.96 |
| 6 | X | 3 | 11 Ga. | 7.310 | 146.20 | 01059 | 175.44 | 01070 | 292.40 | 01074 | 350.88 |
| 6 | X | 3 | 3/16" | 10.700 | 214.00 | 01078 | 256.80 | 01090 | 428.00 | 01093 | 513.60 |
| 6 | X | 3 | 1/4" | 13.190 | 278.20 | 01098 | 333.84 | 01106 | 556.40 | 01111 | 667.68 |
| 6 | X | 3 | 3/8" | 19.820 | 396.40 | 01115 | 475.68 | | 792.80 | 01118 | 951.36 |
| 6 | X | 3 | 1/2" | 25.030 | 500.60 | 27867 | 600.72 | | 1001.20 | | 1201.44 |
| 6 | X | 4 | 11 Ga. | 7.96 | 159.20 | 50443 | 191.04 | | 318.40 | 50444 | 382.08 |
| 6 | X | 4 | 3/16" | 11.970 | 239.40 | 01160 | 287.28 | 01163 | 478.80 | 01166 | 574.56 |
| 6 | x | 4 | 1/4" | 15.620 | 312.40 | 01169 | 374.88 | 01173 | 624.80 | 01175 | 749.76 |
| 6 | X | 4 | 5/16" | 19.080 | 381.60 | 01180 | 457.92 | | 763.20 | 01182 | 915.84 |
| 6 | X | 4 | 3/8" | 22.370 | 447.40 | 01188 | 536.80 | 05499 | 894.80 | 01191 | 1073.76 |
| 6 | X | 4 | 1/2" | 28.430 | 568.60 | 01195 | 682.32 | 33978 | 1137.20 | 01198 | 1364.64 |
| 7 | X | 3 | 3/16" | 11.970 | 239.40 | 01107 | 287.28 | 01109 | 478.80 | 01114 | 574.56 |
| 7 | X | 3 | 1/4" | 15.620 | 312.40 | 01116 | 374.88 | | 624.80 | 01117 | 749.76 |
| 7 | X | 3 | 3/8" | 22.370 | 447.40 | 19625 | 536.80 | | 894.80 | 21763 | 1073.60 |
| 7 | X | 5 | 3/16" | 14.530 | 290.60 | | 348.72 | | 581.20 | 18266 | 697.44 |
| 7 | X | 5 | 1/4" | 19.020 | 380.40 | 01119 | 456.48 | 01123 | 760.80 | 01126 | 912.96 |
| 7 | X | 5 | 3/8" | 27.480 | 549.60 | 01128 | 659.52 | | 1099.20 | 01130 | 1319.04 |
| 7 | X | 5 | 1/2" | 35.240 | 704.80 | | 845.76 | | 1409.60 | 25632 | 1691.52 |

RECTANGULAR TUBE

Under 2": ASTM A513

2" & Over: ASTM A500 Grade B



| Size | | Gauge | Wt. Lbs./ Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # | Wt. Lbs./48' | Item # | |
|------|---|-------|---------------|--------------|--------|--------------|---------|--------------|---------|--------------|---------|-------|
| A | B | C | | | | | | | | | | |
| 8 | X | 2 | 3/16" | 11.970 | 239.40 | 01155 | 287.28 | 25193 | 478.80 | 01157 | 574.56 | 31456 |
| 8 | X | 2 | 1/4" | 15.620 | 312.40 | 01158 | 374.88 | | 624.80 | 01162 | 749.76 | 30839 |
| 8 | X | 2 | 3/8" | 22.370 | 447.40 | | 536.88 | 36101 | 894.80 | 33644 | 1073.76 | |
| 8 | X | 3 | 3/16" | 13.250 | 265.00 | 01165 | 318.00 | 18586 | 530.00 | 01167 | 636.00 | |
| 8 | X | 3 | 1/4" | 17.320 | 346.40 | 01170 | 415.68 | 01174 | 692.80 | 01176 | 831.36 | 30812 |
| 8 | X | 3 | 3/8" | 24.930 | 498.60 | 01179 | 598.32 | 17914 | 997.20 | 01181 | 1196.34 | |
| 8 | X | 4 | 3/16" | 14.530 | 290.60 | 01185 | 348.72 | 01187 | 581.20 | 01189 | 697.44 | |
| 8 | X | 4 | 1/4" | 19.020 | 380.40 | 01192 | 456.48 | 01196 | 760.80 | 01197 | 912.96 | 27996 |
| 8 | X | 4 | 3/8" | 27.480 | 549.60 | 01199 | 659.52 | 21828 | 1099.20 | 01201 | 1319.04 | |
| 8 | X | 4 | 1/2" | 35.240 | 704.80 | | 845.76 | | 1409.60 | 21556 | 1691.53 | |
| 8 | X | 6 | 3/16" | 17.080 | 341.60 | 01203 | 409.92 | | 683.20 | 01206 | 819.84 | |
| 8 | X | 6 | 1/4" | 22.420 | 448.40 | 01209 | 538.08 | 04882 | 896.80 | 01211 | 1076.16 | 29002 |
| 8 | X | 6 | 3/8" | 32.580 | 651.60 | 01213 | 781.92 | 21031 | 1303.20 | 01215 | 1563.84 | 31791 |
| 8 | X | 6 | 1/2" | 42.050 | 841.00 | 25327 | 1009.20 | | 1682.00 | 20994 | 2018.40 | |
| 9 | X | 5 | 1/4" | 22.420 | 448.00 | | 538.00 | | 897.00 | 39282 | 1076.00 | |
| 9 | x | 7 | 1/4" | 25.82 | 516.40 | | 619.68 | | 1032.80 | 50457 | 1239.36 | 50458 |
| 10 | X | 2 | 1/4" | 19.02 | 380.40 | 19939 | 456.48 | | 760.80 | 33067 | 912.96 | |
| 10 | X | 3 | 1/4" | 20.700 | 414.00 | | 497.00 | | 828.00 | 30002 | 995.00 | |
| 10 | X | 4 | 3/16" | 17.08 | 341.60 | 04889 | 409.92 | | 683.20 | 01230 | 819.84 | |
| 10 | X | 4 | 1/4" | 22.420 | 448.40 | 01233 | 538.08 | | 896.80 | 01234 | 1076.16 | |
| 10 | X | 4 | 3/8" | 32.580 | 651.60 | 17955 | 781.92 | | 1303.20 | 17954 | 1563.84 | |
| 10 | X | 4 | 1/2" | 42.050 | 841.00 | 50356 | 1009.20 | | 1682.00 | | 2018.40 | |
| 10 | X | 5 | 1/4" | 24.12 | 482.40 | | 578.88 | | 964.80 | 50358 | 1157.76 | |
| 10 | X | 6 | 1/4" | 25.820 | 516.40 | 01237 | 619.68 | | 1032.80 | 01240 | 1239.36 | |
| 10 | X | 6 | 3/8" | 37.690 | 753.80 | 01242 | 904.56 | | 1507.60 | 01244 | 1809.12 | |
| 10 | X | 6 | 1/2" | 48.850 | 977.00 | | 1172.40 | | 1954.00 | 18714 | 2344.80 | |
| 10 | X | 8 | 1/4" | 29.200 | 584.00 | 21750 | 700.80 | | 1168.00 | 16987 | 1401.60 | |
| 10 | X | 8 | 3/8" | 42.790 | 855.80 | | 1026.96 | | 1711.60 | 15915 | 2053.92 | |
| 12 | X | 2 | 3/16" | 17.080 | 341.60 | 27751 | 409.92 | | 683.20 | | 819.84 | |
| 12 | X | 2 | 1/4" | 22.420 | 448.40 | | 538.08 | | 896.80 | | 1076.16 | 27610 |
| 12 | X | 4 | 1/4" | 25.820 | 516.40 | 01239 | 619.68 | | 1032.80 | 01245 | 1239.36 | 18180 |
| 12 | X | 4 | 3/8" | 37.690 | 753.80 | | 904.56 | | 1507.60 | 04897 | 1809.12 | 32043 |
| 12 | X | 6 | 1/4" | 29.200 | 584.00 | | 700.80 | | 1168.00 | 05455 | 1401.60 | |
| 12 | X | 6 | 3/8" | 42.750 | 855.00 | | 1026.00 | | 1710.00 | 27798 | 2052.00 | 32412 |
| 12 | X | 6 | 1/2" | 55.66 | 113.20 | | 1335.84 | | 2226.40 | | 2671.68 | 50363 |
| 12 | X | 8 | 1/4" | 32.590 | 651.80 | | 782.16 | | 1303.60 | 15914 | 1564.32 | |
| 12 | X | 8 | 3/8" | 47.850 | 957.00 | 23744 | 1148.40 | | 1914.00 | 16989 | 2296.80 | |

ROUND TUBING

ASTM A513



| Size (OD) | Gauge | Lbs./Ft. | Item # | Size (OD) | Gauge | Lbs./Ft. | Item # |
|-----------------|-----------------|----------|--------|-------------|-----------|----------|--------|
| A | B | | | A | B | | |
| 3/4" | 15 Ga. | .521 | 00810 | | 11 Ga. | 2.089 | 25177 |
| 1.000" (1") | 16 Ga. | .649 | 00961 | 1.90" | .145 Wall | 2.720 | 01171 |
| | 14 Ga. | .813 | 00971 | 1.90" | .200 Wall | 3.631 | 34257 |
| | 13 Ga. | .918 | 04813 | 2.000" (2") | 16 Ga. | 1.343 | 01101 |
| | 12 Ga. | 1.037 | 00976 | | 14 Ga. | 1.699 | 01095 |
| 1.250" (1 1/4") | 11 Ga. | 1.128 | 00980 | 11 Ga. | 2.409 | 01088 | |
| | 16 Ga. | .823 | 00988 | 2.375" | .109 Wall | 2.638 | 01183 |
| | 14 Ga. | 1.034 | 00996 | 2.375" | .218 Wall | 5.022 | 32047 |
| | 13 Ga. | 1.172 | 04924 | 11 Ga. | 3.050 | 19300 | |
| 1.312" | 12 Ga. | 1.328 | 01001 | 2.875" | .276 Wall | 7.661 | 32080 |
| | 11 Ga. | 1.448 | 01006 | 3.500" | .300 Wall | 10.250 | 34682 |
| | .109 Wall | 1.404 | 01152 | 4.000" | .318 Wall | 12.510 | 34683 |
| | 1.500" (1 1/2") | 16 Ga. | .996 | 01009 | 14 Ga. | 3.470 | 23406 |
| 14 Ga. | | 1.256 | 01016 | 12 Ga. | 4.530 | 01263 | |
| 13 Ga. | | 1.426 | 04816 | 11 ga | 4.970 | 23408 | |
| 12 Ga. | | 1.619 | 01020 | 10 Ga. | 5.530 | 01264 | |
| 1.660" | 11 Ga. | 1.769 | 01027 | 4.500" | .337 Wall | 14.980 | 28986 |
| | 14 Ga. | 1.398 | 01156 | 5.562" | .375 Wall | 20.780 | 34803 |
| 1.66" | 11 Ga. | 1.974 | 01159 | 6.625" | .188 Wall | 12.925 | 30878 |
| | .191 Wall | 2.997 | 24280 | 6.625" | .432 Wall | 28.600 | 33855 |
| 1.750" (1 3/4") | 14 Ga. | 1.478 | 01030 | 8.625" | .500 Wall | 43.390 | 18895 |
| | 13 Ga. | 1.679 | 01035 | | | | |

P.S. (PIPE SIZE) TUBING

ASTM A500 Grade B



| Size (OD) | Gauge | Lbs./Ft. | Item # | Size (OD) | Gauge | Lbs./Ft. | Item # |
|-----------------|-----------|----------|--------|-----------------|-----------|----------|--------|
| A | B | | | A | B | | |
| (1/2)" .840 | .109 Wall | .850 | 01149 | (3 1/2") 4.000" | .226 Wall | 9.109 | 01205 |
| (3/4") 1.05" | .113 Wall | 1.130 | 01150 | (4") 4.500" | .237 Wall | 10.790 | 01214 |
| (1") 1.312" | .133 Wall | 1.680 | 01154 | (5") 5.562" | .258 wall | 14.620 | 01220 |
| (1 1/4") 1.66" | .140 Wall | 2.270 | 01161 | (6") 6.625" | .280 Wall | 18.970 | 01225 |
| (1/2") 1.90" | .109 Wall | 2.085 | 01164 | (8") 8.625" | .322 Wall | 28.580 | 19003 |
| (2") 2.375" | .154 Wall | 3.650 | 01186 | (10") 10.75" | .365 Wall | 40.52 | 18311 |
| (2 1/2") 2.875" | .203 Wall | 5.790 | 02089 | (12") 12.75" | .375 Wall | 49.56 | 19007 |
| (3") 3.500" | .216 Wall | 7.580 | 01194 | | | | |



ROUND TUBING

Under 5": ASTM A500 Grade B—5" & over: ASTM A135 Grade A

| Size (OD) | Gauge | Lbs./Ft. | Item # |
|-----------|--------|----------|--------|
| A | B | | |
| 4" | .318 | 12.51 | 50288 |
| 4" | 10 Ga. | 5.70 | 50620 |
| 4 1/2" | 11 Ga. | 5.60 | 01266 |
| 4 1/2" | .237 | 10.79 | 50299 |
| 5" | 14 Ga. | 4.00 | 01232 |
| 5" | 12 Ga. | 5.60 | 01235 |
| 5" | 10 Ga. | 6.96 | 01238 |
| 6" | 14 Ga. | 5.25 | 01241 |
| 6" | 12 Ga. | 6.86 | 01252 |
| 6" | 10 Ga. | 8.40 | 01255 |
| 6" | 3/16" | 11.67 | 01257 |
| 8" | 14 Ga. | 7.02 | 01017 |
| 8" | 12 Ga. | 9.19 | 01041 |
| 8" | 10 Ga. | 11.26 | 01064 |
| 8" | 3/16" | 15.69 | 01067 |
| 8 5/8" | 10 Ga. | 12.15 | 01085 |
| 10" | 12 Ga. | 11.51 | 01000 |
| 10" | 10 Ga. | 14.12 | 01013 |
| 10" | 3/16" | 19.70 | 01018 |
| 10" | 1/4" | 26.03 | 01029 |
| 12" | 12 Ga. | 13.84 | 01057 |
| 12" | 10 Ga. | 16.98 | 01068 |
| 12" | 3/16" | 23.72 | 01082 |
| 12" | 1/4" | 31.37 | 01099 |
| 14" | 12 Ga. | 16.17 | 01120 |
| 14" | 10 Ga. | 19.84 | 01125 |
| 14" | 3/16" | 27.73 | 01127 |
| 16" | 12 Ga. | 18.50 | 01133 |

INQUIRE REGARDING: Stainless 304 tubing

SQUARE TUBE

Under 2": ASTM A513

2" & Over: ASTM A500 Grade B



| Size | Gauge | Wt. Lbs./ Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # | Wt. Lbs./48' | Item # |
|---------------|--------|---------------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
| A | B | | | | | | | | | |
| 1/2 X 1/2 | 16 Ga. | .384 | 7.68 | 00744 | 9.22 | 00751 | 15.36 | | 18.432 | |
| 1/2 X 1/2 | 13 Ga. | 1.82 | 36.40 | 50310 | 43.68 | | 72.80 | | 87.360 | |
| 3/4 X 3/4 | 16 Ga. | .606 | 12.12 | 00776 | 14.54 | 00784 | 24.24 | | 29.088 | |
| 3/4 X 3/4 | 14 Ga. | .753 | 15.06 | 00760 | 18.07 | 00765 | 30.12 | | 36.144 | |
| 3/4 X 3/4 | 11 Ga. | 1.028 | 20.56 | 22343 | 24.67 | 00756 | 41.12 | | 49.344 | |
| 1 X 1 | 18 Ga. | .630 | 12.60 | 50346 | 15.12 | | 25.20 | | 30.240 | |
| 1 X 1 | 16 Ga. | .827 | 16.54 | 00825 | 19.85 | 00832 | 33.08 | | 39.696 | |
| 1 X 1 | 15 Ga. | .909 | 18.18 | 00814 | 21.82 | 00821 | 36.36 | | 43.632 | |
| 1 X 1 | 14 Ga. | 1.035 | 20.70 | 00805 | 24.84 | 00807 | 41.40 | | 49.680 | |
| 1 X 1 | 13 Ga. | 1.17 | 23.40 | 50351 | 28.08 | | 46.80 | | 56.160 | |
| 1 X 1 | 12 Ga. | 1.320 | 26.40 | 00796 | 31.68 | 00800 | 52.80 | | 63.360 | |
| 1 X 1 | 11 Ga. | 1.436 | 28.72 | 00789 | 34.46 | 00793 | 57.44 | | 68.928 | |
| 1 1/4 X 1 1/4 | 16 Ga. | 1.047 | 20.94 | 00860 | 25.13 | 00862 | 41.88 | | 50.256 | |
| 1 1/4 X 1 1/4 | 14 Ga. | 1.317 | 26.34 | 00855 | 31.61 | 00858 | 52.68 | | 63.216 | |
| 1 1/4 X 1 1/4 | 13 Ga. | 1.49 | 29.80 | 50329 | 35.76 | 50330 | 59.60 | | 71.520 | |
| 1 1/4 X 1 1/4 | 12 Ga. | 1.691 | 33.82 | | 40.58 | 00849 | 67.64 | | 81.168 | |
| 1 1/4 X 1 1/4 | 11 Ga. | 1.844 | 36.88 | 00835 | 44.26 | 00842 | 73.76 | | 88.512 | |
| 1 1/4 X 1 1/4 | 10 Ga. | 2.03 | 40.60 | 50335 | 48.72 | | 81.20 | | 97.440 | |
| 1 1/4 X 1 1/4 | 3/16" | 2.913 | 58.26 | 18276 | 69.91 | 00721 | 116.52 | | 139.824 | |
| 1 1/2 X 1 1/2 | 16 Ga. | 1.268 | 25.36 | 00891 | 30.43 | 00895 | 50.72 | | 60.864 | |
| 1 1/2 X 1 1/2 | 14 Ga. | 1.599 | 31.98 | 00886 | 38.38 | 00889 | 63.96 | | 76.752 | |
| 1 1/2 X 1 1/2 | 12 Ga. | 2.062 | 41.24 | 00879 | 49.49 | 00883 | 82.48 | | 98.976 | |
| 1 1/2 X 1 1/2 | 11 Ga. | 2.252 | 45.04 | 00874 | 54.05 | 00877 | 90.08 | | 108.096 | |
| 1 1/2 X 1 1/2 | 3/16" | 3.046 | 60.92 | 00768 | 73.10 | 00774 | 121.84 | | 146.208 | |
| 1 1/2 X 1 1/2 | 1/4" | 4.067 | 81.34 | 31438 | 102.00 | 24967 | 162.68 | | 195.216 | |
| 1 3/4 x 1 3/4 | 14 Ga. | 1.882 | 37.64 | 00900 | 45.17 | 00902 | 74.28 | | 90.336 | |
| 1 3/4 x 1 3/4 | 13 Ga. | 2.11 | 42.20 | 50338 | 50.64 | | 84.40 | | 101.280 | |
| 1 3/4 x 1 3/4 | 11 Ga. | 2.660 | 53.20 | 30094 | 63.84 | 00897 | 106.40 | | 127.680 | |
| 2 X 2 | 16 Ga. | 1.710 | 34.20 | 24518 | 41.04 | 00931 | 68.40 | | 56.160 | |
| 2 X 2 | 14 Ga. | 2.164 | 43.28 | 00985 | 51.94 | 00937 | 86.56 | | 103.872 | |
| 2 X 2 | 12 Ga. | 2.802 | 56.04 | 00939 | 67.25 | 00945 | 112.08 | | 134.496 | |
| 2 X 2 | 11 Ga. | 3.050 | 61.00 | 00948 | 73.20 | 00950 | 122.00 | 00952 | 146.400 | |
| 2 X 2 | 3/16" | 4.320 | 86.40 | 00795 | 103.68 | 00786 | 172.80 | 00791 | 207.360 | |
| 2 X 2 | 1/4" | 5.410 | 108.20 | 00799 | 129.84 | 00804 | 216.40 | 00816 | 259.680 | |

SQUARE TUBE

Under 2": ASTM A513

2" & Over: ASTM A500 Grade B



| Size | Gauge | Wt. Lbs./ Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # | Wt. Lbs./48' | Item # |
|---------------|--------|---------------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
| A | B | | | | | | | | | |
| 2 1/2 X 2 1/2 | 14 Ga. | 2.730 | 54.60 | | 65.52 | 00872 | 109.20 | | 131.04 | |
| 2 1/2 X 2 1/2 | 11 Ga. | 3.900 | 78.00 | 00852 | 93.60 | 00856 | 156.00 | 00865 | 187.20 | |
| 2 1/2 X 2 1/2 | 3/16" | 5.590 | 111.80 | 00876 | 134.16 | 00881 | 223.60 | 00884 | 268.32 | |
| 2 1/2 X 2 1/2 | 1/4" | 7.110 | 142.20 | 00887 | 170.64 | 00892 | 284.40 | 00894 | 341.28 | |
| 3 X 3 | 14 Ga. | 3.240 | 64.80 | 00979 | 77.76 | 00982 | 129.60 | | 155.52 | |
| 3 X 3 | 11 Ga. | 4.750 | 95.00 | 00986 | 114.00 | 00991 | 190.00 | 00997 | 228.00 | |
| 3 X 3 | 3/16" | 6.870 | 137.40 | 00999 | 164.88 | 01003 | 274.80 | 01007 | 329.76 | |
| 3 X 3 | 1/4" | 8.810 | 176.20 | 01010 | 211.44 | 01014 | 352.40 | 01019 | 422.88 | 24047 |
| 3 X 3 | 5/16" | 10.580 | 211.60 | 02083 | 253.92 | 18087 | 423.20 | 02084 | 507.84 | |
| 3 X 3 | 3/8" | 12.170 | 243.40 | 05496 | 292.08 | 30211 | 486.80 | | 584.16 | |
| 3 1/2 X 3 1/2 | 11 Ga. | 5.610 | 112.20 | 00778 | 134.64 | 00785 | 224.40 | 04852 | 247.68 | |
| 3 1/2 X 3 1/2 | 3/16" | 8.150 | 163.00 | 00788 | 195.60 | 00792 | 326.00 | 00797 | 391.20 | |
| 3 1/2 X 3 1/2 | 1/4" | 10.510 | 210.20 | 00802 | 252.24 | 00812 | 420.40 | 00817 | 504.48 | |
| 4 X 4 | 14 Ga. | 4.360 | 87.20 | | 104.64 | 05444 | 174.40 | | 209.28 | |
| 4 X 4 | 11 Ga. | 6.460 | 129.20 | 00899 | 155.04 | 00901 | 258.40 | 00903 | 310.08 | |
| 4 X 4 | 3/16" | 9.420 | 188.40 | 00904 | 226.08 | 00907 | 376.80 | 00909 | 452.16 | 32002 |
| 4 X 4 | 1/4" | 12.210 | 244.20 | 00913 | 293.04 | 00919 | 488.40 | 00921 | 586.08 | 24048 |
| 4 X 4 | 5/16" | 14.830 | 296.60 | 00927 | 355.92 | 26566 | 593.20 | 00930 | 711.84 | 26857 |
| 4 X 4 | 3/8" | 17.270 | 345.40 | 00932 | 414.48 | 26503 | 690.80 | 00935 | 828.96 | 28746 |
| 4 X 4 | 1/2" | 21.610 | 432.20 | 00936 | 518.64 | 22013 | 864.40 | 00938 | 1037.28 | 31853 |
| 4 1/2 X 4 1/2 | 3/16" | 10.700 | 214.00 | 00940 | 256.80 | 00943 | 428.00 | 00946 | 513.60 | |
| 4 1/2 X 4 1/2 | 1/4" | 13.900 | 278.00 | 17950 | 333.60 | | 556.00 | 17949 | 667.20 | |
| 5 X 5 | 3/16" | 11.970 | 239.40 | 01073 | 287.28 | 01076 | 478.80 | 01079 | 574.56 | 28583 |
| 5 X 5 | 1/4" | 15.620 | 312.40 | 01084 | 374.88 | 01087 | 624.80 | 01091 | 749.76 | 26538 |
| 5 X 5 | 5/16" | 19.080 | 381.60 | 01096 | 457.92 | 31865 | 763.20 | 01100 | 915.84 | 31854 |
| 5 X 5 | 3/8" | 22.370 | 447.40 | 01103 | 536.88 | | 894.80 | 01104 | 1073.76 | 31835 |
| 5 X 5 | 1/2" | 28.430 | 568.60 | 05498 | 265.39 | 26539 | 1137.20 | 23827 | 1364.64 | 26541 |
| 6 X 6 | 3/16" | 14.530 | 290.60 | 01202 | 348.72 | 01207 | 581.20 | 01210 | 697.44 | 24721 |
| 6 X 6 | 1/4" | 19.020 | 380.40 | 01212 | 456.48 | 01216 | 760.80 | 01218 | 912.96 | 24049 |
| 6 X 6 | 5/16" | 23.340 | 466.80 | 01223 | 560.16 | | 933.60 | 01227 | 1120.32 | 30651 |
| 6 x 6 | 3/8" | 27.480 | 549.60 | 01231 | 659.52 | 23695 | 1099.20 | 04865 | 1319.04 | 26825 |
| 6 x 6 | 1/2" | 35.240 | 704.80 | 04866 | 845.76 | 26420 | 1409.60 | 04867 | 1691.52 | 28945 |
| 7 X 7 | 3/16" | 17.080 | 341.60 | | 409.92 | | 683.20 | 18799 | 819.84 | |
| 7 X 7 | 1/4" | 22.420 | 448.40 | 01131 | 538.08 | | 896.80 | 01132 | 1076.16 | 05476 |
| 7 X 7 | 3/8" | 32.580 | 651.60 | 01136 | 781.92 | 19131 | 1303.20 | 01138 | 1563.84 | 22773 |
| 7 X 7 | 1/2" | 42.050 | 841.00 | 01147 | 1009.20 | | 1682.00 | 01148 | 2018.40 | |

SQUARE TUBE

Under 2": ASTM A513

2" & Over: ASTM A500 Grade B



| Size | | Gauge | Wt. Lbs./Ft. | Wt. Lbs./20' | Item # | Wt. Lbs./24' | Item # | Wt. Lbs./40' | Item # | Wt. Lbs./48' | Item # |
|------|------|-------|--------------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
| A | | B | | | | | | | | | |
| 8 | X 8 | 3/16" | 19.630 | 392.60 | 23441 | 471.12 | | 785.20 | 20954 | 942.24 | |
| 8 | X 8 | 1/4" | 25.820 | 516.40 | 01217 | 619.68 | 01219 | 1032.80 | 01221 | 1239.36 | 26827 |
| 8 | X 8 | 3/8" | 37.690 | 753.80 | 01222 | 904.56 | 04886 | 1507.60 | 01224 | 1809.12 | 26421 |
| 8 | X 8 | 1/2" | 48.850 | 977.00 | 05500 | 1172.40 | | 1954.00 | 05467 | 2344.80 | 27606 |
| 10 | X 10 | 1/4" | 32.630 | 652.60 | 01247 | 783.12 | | 1305.20 | 01249 | 1566.24 | 20789 |
| 10 | X 10 | 3/8" | 47.900 | 958.00 | | 1149.60 | | 1916.00 | 29286 | 2299.20 | |
| 10 | X 10 | 1/2" | 62.460 | 1249.20 | 19265 | 1499.04 | | 2498.40 | 05493 | 2998.08 | |
| 12 | X 12 | 1/4" | 39.430 | 788.60 | | 946.32 | | 1577.20 | 01251 | 1892.64 | |
| 12 | X 12 | 1/2" | 76.060 | 1521.20 | | 1825.44 | | 3042.40 | 34081 | 3650.88 | |

PLATE

PLATE SPECIFICATIONS

Discrete Plate

Our stock mill produced Carbon Discrete Plates come certified to several different specifications and Grades. ASTM A36 (36 KSI minimum yield), ASTM A572 Grade 50 (50 KSI minimum yield), and ASTM A514 Grade B (100 KSI minimum yield) are the most common structural specifications available. The ASTM A36 products are great for general use applications, while the HSLA (High Strength Low Alloy) ASTM A572 Grade 50 products are ideal for applications where notch toughness and increased strength is required, and the ASTM A514 Grade B products offer three times the strength of A36 products and provide exceptional toughness – but do require a little more care with preheating when welding.

*Please note that AR400 discrete plate products are not governed by an ASTM specification and are produced according to each manufacturer's proprietary processes. Our general stock, identified as AR400-F is a more formable version of the traditional AR400, while still being heat treated to a high strength, high hardness product with a Brinell hardness range of 360-440 for your abrasive resistant applications.

Commercial Quality

We do carry some stock Carbon Commercial Quality Plates that are certified to ASTM A830 CS Type B. These are not tensile tested and are not recommended for structural applications but are low carbon and are both readily formable and weldable.

Cold Reduced

Our stock Carbon Cold Reduced Plates are produced from coils and are available in several different specifications and Grades depending on your application needs. Our state-of-the-art Cold Reduction Temper Leveling Process ensures that these plates come flat and stay flat during downstream processing like laser or plasma cutting. The Cold Reduction process also provides an improved surface from traditional leveling practices to aid in less welding and paint preparations. General ASTM A36 products are available, as well as dual certified ASTM A572 and ASTM A656 Grade 50 products – which provide the same enhanced formability as well as increased strength and notch toughness. For even higher strength application needs ASTM A656 Grade 80 and Grade 100 are available in several thickness and width combinations. These HSLA (High Strength Low Alloy) products with enhanced formability are commonly used in trailer and boom lift applications where increased strength and toughness need to accompany a lighter weight assembly.

Safety (Tread) Floor Plate

Our stock Carbon Floor Plates are certified to dimensional specification ASTM A786 with thicknesses up through 3/16" also being certified to ASTM A1011 CS Type B. These low carbon, readily formable and weldable products are intended for general use applications where structural strength is not required.

PLATE

Discrete A36

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | A36 | 96" | 240" | 1225.60 | 45006 |
| 3/8" | A36 | 144" | 324" | 4963.68 | 45017 |
| 1/2" | A36 | 144" | 324" | 6616.08 | 45019 |
| 5/8" | A36 | 48" | 96" | 817.00 | 35396 |
| 5/8" | A36 SSAB | 60" | 120" | 1276.50 | 25668 |
| 5/8" | A36 SSAB | 96" | 240" | 4084.80 | 01596 |
| 5/8" | A36 | 96" | 288" | 4899.84 | 49928 |
| 5/8" | A36 SSAB | 120" | 240" | 5106.00 | 27155 |
| 3/4" | A36 | 48" | 96" | 980.00 | 20213 |
| 3/4" | A36 SSAB | 48" | 120" | 1225.20 | 28562 |
| 3/4" | A36 SSAB | 60" | 120" | 1531.50 | 28229 |
| 3/4" | A36 SSAB | 96" | 120" | 2450.40 | 24655 |
| 3/4" | A36 SSAB | 96" | 240" | 4900.80 | 28497 |
| 3/4" | A36 | 96" | 288" | 5880.96 | 49900 |
| 3/4" | A36 SSAB | 120" | 240" | 6126.00 | 28286 |
| 3/4" | A36 | 120" | 288" | 7351.20 | 49896 |
| 1" | A36 SSAB | 60" | 120" | 2042.00 | 28230 |
| 1" | A36 SSAB | 96" | 120" | 3267.20 | 26978 |
| 1" | A36 | 96" | 144" | 3921.00 | 01863 |
| 1" | A36 SSAB | 96" | 240" | 6534.40 | 25511 |
| 1" | A36 | 96" | 288" | 7841.28 | 49865 |
| 1" | A36 SSAB | 120" | 240" | 8168.00 | 32745 |

INQUIRE REGARDING: Other grades & sizes

PLATE

Discrete Grade 50

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 1/4" | GR 50 | 96" | 240" | 1633.60 | 19401 |
| 5/16" | GR 50 | 72" | 144" | 919.00 | 49921 |
| 5/16" | GR 50 | 96" | 240" | 2041.60 | 17823 |
| 3/8" | GR 50 | 48" | 120" | 612.80 | 42611 |
| 3/8" | GR 50 | 96" | 240" | 2451.20 | 27105 |
| 1/2" | GR 50 | 60" | 120" | 1021.00 | 33531 |
| 1/2" | GR 50 | 96" | 240" | 3267.20 | 20127 |
| 5/8" | GR 50 | 48" | 96" | 817.00 | 26613 |
| 5/8" | GR 50 | 96" | 120" | 2042.40 | 25108 |
| 5/8" | GR 50 | 96" | 240" | 4084.80 | 22168 |
| 5/8" | GR 50 SSAB | 60" | 120" | 1276.50 | 26463 |
| 5/8" | GR 50 | 60" | 240" | 2553.00 | 49926 |
| 5/8" | GR 50 SSAB | 96" | 240" | 4084.80 | 24907 |
| 5/8" | GR 50 SSAB | 120" | 240" | 5106.00 | 27680 |
| 3/4" | GR 50 | 48" | 96" | 980.00 | 26067 |
| 3/4" | GR 50 | 48" | 120" | 1225.00 | 49897 |
| 3/4" | GR 50 | 72" | 144" | 2205.36 | 32518 |
| 3/4" | GR 50 | 96" | 120" | 2450.40 | 27012 |
| 3/4" | GR 50 | 96" | 240" | 4900.80 | 19269 |
| 3/4" | GR 50 SSAB | 60" | 120" | 1531.50 | 31528 |
| 3/4" | GR 50 SSAB | 96" | 240" | 4900.80 | 27266 |
| 3/4" | GR 50 SSAB | 120" | 240" | 6126.00 | 28343 |
| 1" | GR 50 | 48" | 120" | 1633.60 | 27225 |
| 1" | GR 50 | 60" | 96" | 1633.60 | 23083 |
| 1" | GR 50 | 60" | 120" | 2042.00 | 20763 |
| 1" | GR 50 | 96" | 120" | 3267.20 | 27176 |
| 1" | GR 50 | 96" | 240" | 6534.40 | 23034 |
| 1" | GR 50 | 120" | 240" | 8168.00 | 28289 |
| 1 1/4" | GR 50 | 48" | 96" | 1633.60 | 25340 |
| 1 1/4" | GR 50 | 96" | 240" | 8168.00 | 23019 |
| 1 1/2" | GR 50 | 96" | 240" | 9801.60 | 23020 |
| 1 3/4" | GR 50 | 96" | 240" | 11435.20 | 22396 |
| 2" | GR 50 | 96" | 240" | 13068.80 | 22626 |

INQUIRE REGARDING: Other grades & sizes

PLATE

AR400-F

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | AR400-F | 48" | 96" | 245.12 | 18779 |
| 3/16" | AR400-F | 48" | 120" | 306.40 | 2931 |
| 3/16" | AR400-F | 96" | 288" | 1470.72 | 26750 |
| 1/4" | AR400-F | 48" | 96" | 326.72 | 26830 |
| 1/4" | AR400-F | 48" | 120" | 408.40 | 2932 |
| 1/4" | AR400-F | 72" | 96" | 490.08 | 27764 |
| 1/4" | AR400-F | 96" | 144" | 980.16 | 28528 |
| 1/4" | AR400-F | 96" | 288" | 1960.32 | 18909 |
| 3/8" | AR400-F | 48" | 96" | 490.24 | 24451 |
| 3/8" | AR400-F | 60" | 96" | 612.80 | 18773 |
| 3/8" | AR400-F | 96" | 288" | 2941.44 | 25619 |
| 1/2" | AR400-F | 48" | 96" | 653.44 | 22422 |
| 1/2" | AR400-F | 48" | 120" | 816.80 | 22616 |
| 1/2" | AR400-F | 96" | 288" | 3920.64 | 25620 |
| 3/4" | AR400-F | 48" | 96" | 980.16 | 26837 |
| 3/4" | AR400-F | 96" | 288" | 5880.96 | 22423 |
| 1" | AR400-F | 96" | 288" | 7841.28 | 31554 |

INQUIRE REGARDING: Other grades & sizes

PLATE

Cold Reduced—Grade 50

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | GR 50 | 48" | 96" | 245.12 | 23068 |
| 3/16" | GR 50 | 48" | 120" | 306.40 | 05578 |
| 3/16" | GR 50 | 60" | 120" | 383.00 | 05577 |
| 3/16" | GR 50 | 60" | 144" | 459.60 | 21034 |
| 3/16" | GR 50 | 96" | 240" | 1226.00 | 36789 |
| 3/16" | GR 50 | 60" | 120" | 383.00 | 23176 |
| 3/16" | GR 50 | 72" | 120" | 459.60 | 22868 |
| 3/16" | GR 50 | 72" | 96" | 367.68 | 34354 |
| 3/16" | GR 50 | 72" | 144" | 551.52 | 23160 |
| 3/16" | GR 50 | 72" | 240" | 919.20 | 05576 |
| 1/4" | GR 50 | 48" | 96" | 326.72 | 22996 |
| 1/4" | GR 50 | 48" | 120" | 408.40 | 22839 |
| 1/4" | GR 50 | 60" | 96" | 408.40 | 18788 |
| 1/4" | GR 50 | 60" | 120" | 510.50 | 18771 |
| 1/4" | GR 50 | 60" | 120" | 511.00 | 01742 |
| 1/4" | GR 50 | 60" | 144" | 612.60 | 27992 |
| 1/4" | GR 50 | 72" | 120" | 612.60 | 22888 |
| 1/4" | GR 50 | 72" | 144" | 735.120 | 21654 |
| 1/4" | GR 50 | 72" | 240" | 1225.20 | 22889 |
| 5/16" | GR 50 | 48" | 120" | 510.40 | 22838 |
| 5/16" | GR 50 | 60" | 120" | 638.00 | 18767 |
| 5/16" | GR 50 | 72" | 120" | 765.60 | 21907 |
| 5/16" | GR 50 | 72" | 240" | 1531.20 | 28127 |
| 3/8" | GR 50 | 48" | 96" | 490.24 | 19118 |
| 3/8" | GR 50 | 48" | 120" | 612.80 | 22837 |
| 3/8" | GR 50 | 60" | 120" | 766.00 | 23997 |
| 3/8" | GR 50 | 60" | 240" | 1532.00 | 30477 |
| 3/8" | GR 50 | 72" | 120" | 919.20 | 23050 |
| 3/8" | GR 50 | 72" | 144" | 1103.04 | 30085 |
| 3/8" | GR 50 | 72" | 240" | 1838.40 | 31591 |
| 1/2" | GR 50 | 48" | 96" | 653.44 | 21987 |
| 1/2" | GR 50 | 48" | 120" | 816.80 | 22836 |
| 1/2" | GR 50 | 60" | 120" | 1021.00 | 23998 |
| 1/2" | GR 50 | 60" | 240" | 2042.00 | 26757 |
| 1/2" | GR 50 | 72" | 120" | 1225.20 | 22905 |
| 1/2" | GR 50 | 72" | 144" | 1470.24 | 28791 |
| 1/2" | GR 50 | 72" | 240" | 2450.40 | 33068 |
| 5/8" | GR 50 | 60" | 120" | 1276.50 | 23922 |
| 3/4" | GR 50 | 60" | 120" | 1531.50 | 27678 |

INQUIRE REGARDING: Other grades & sizes

PLATE

Cold Reduced—A36

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | A36 | 48" | 96" | 245.12 | 30185 |
| 3/16" | A36 | 48" | 120" | 306.40 | 25873 |
| 3/16" | A36 | 48" | 144" | 367.68 | 30541 |
| 3/16" | A36 | 60" | 96" | 306.40 | 30632 |
| 3/16" | A36 | 60" | 120" | 383.00 | 15897 |
| 3/16" | A36 | 60" | 144" | 459.60 | 30633 |
| 3/16" | A36 | 60" | 240" | 766.00 | 30983 |
| 3/16" | A36 | 72" | 96" | 367.68 | 30571 |
| 3/16" | A36 | 72" | 120" | 459.60 | 30138 |
| 3/16" | A36 | 72" | 144" | 551.52 | 30684 |
| 3/16" | A36 | 72" | 240" | 919.20 | 30533 |
| 1/4" | A36 | 48" | 96" | 326.72 | 25872 |
| 1/4" | A36 | 48" | 120" | 408.40 | 25871 |
| 1/4" | A36 | 48" | 144" | 490.08 | 30956 |
| 1/4" | A36 | 48" | 240" | 816.80 | 30957 |
| 1/4" | A36 | 60" | 96" | 408.40 | 30958 |
| 1/4" | A36 | 60" | 120" | 510.50 | 15898 |
| 1/4" | A36 | 60" | 144" | 612.60 | 30959 |
| 1/4" | A36 | 60" | 240" | 1021.00 | 30960 |
| 1/4" | A36 | 72" | 96" | 490.08 | 01770 |
| 1/4" | A36 | 72" | 120" | 612.60 | 01772 |
| 1/4" | A36 | 72" | 144" | 735.12 | 01777 |
| 1/4" | A36 | 72" | 162" | 827.01 | 45013 |
| 1/4" | A36 | 72" | 240" | 1225.20 | 01781 |
| 5/16" | A36 | 48" | 96" | 408.32 | 01621 |
| 5/16" | A36 | 48" | 120" | 510.40 | 01673 |
| 5/16" | A36 | 48" | 144" | 612.48 | 01677 |
| 5/16" | A36 | 60" | 120" | 638.00 | 01679 |
| 5/16" | A36 | 60" | 144" | 765.00 | 01683 |
| 5/16" | A36 | 60" | 240" | 1276.00 | 01685 |
| 5/16" | A36 | 72" | 96" | 612.48 | 01688 |
| 5/16" | A36 | 72" | 120" | 765.60 | 01689 |
| 5/16" | A36 | 72" | 144" | 918.72 | 01691 |
| 5/16" | A36 | 72" | 240" | 1531.20 | 01696 |
| 3/8" | A36 | 48" | 96" | 490.24 | 01741 |
| 3/8" | A36 | 48" | 120" | 612.80 | 01750 |
| 3/8" | A36 | 48" | 144" | 735.36 | 04805 |
| 3/8" | A36 | 48" | 240" | 1225.60 | 25352 |
| 3/8" | A36 | 60" | 96" | 612.80 | 01847 |
| 3/8" | A36 | 60" | 120" | 766.00 | 01788 |
| 3/8" | A36 | 60" | 144" | 919.20 | 01799 |
| 3/8" | A36 | 60" | 240" | 1532.00 | 01804 |

PLATE
Cold Reduced—A36

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/8" | A36 | 72" | 96" | 735.36 | 04806 |
| 3/8" | A36 | 72" | 120" | 919.20 | 01810 |
| 3/8" | A36 | 72" | 144" | 1103.04 | 01813 |
| 3/8" | A36 | 72" | 240" | 1838.40 | 01816 |
| 1/2" | A36 | 48" | 96" | 816.80 | 01714 |
| 1/2" | A36 | 48" | 120" | 980.16 | 01718 |
| 1/2" | A36 | 48" | 144" | 1633.60 | 22884 |
| 1/2" | A36 | 48" | 240" | 653.44 | 01707 |
| 1/2" | A36 | 60" | 87" | 740.23 | 45018 |
| 1/2" | A36 | 60" | 96" | 1021.00 | 01725 |
| 1/2" | A36 | 60" | 120" | 1225.20 | 01728 |
| 1/2" | A36 | 60" | 144" | 2042.00 | 01730 |
| 1/2" | A36 | 60" | 240" | 816.80 | 01723 |
| 1/2" | A36 | 72" | 120" | 1225.20 | 01735 |
| 1/2" | A36 | 72" | 144" | 1470.24 | 01737 |
| 1/2" | A36 | 72" | 240" | 2450.40 | 01739 |
| 5/8" | A36 | 48" | 96" | 1021.20 | 01767 |
| 5/8" | A36 | 48" | 120" | 816.96 | 01762 |
| 5/8" | A36 | 60" | 96" | 1021.20 | 01775 |
| 5/8" | A36 | 60" | 120" | 1276.50 | 01778 |
| 5/8" | A36 | 72" | 120" | 1531.80 | 01793 |
| 3/4" | A36 | 48" | 96" | 1225.20 | 01831 |
| 3/4" | A36 | 48" | 120" | 980.16 | 01829 |
| 3/4" | A36 | 60" | 120" | 1531.50 | 01934 |
| 3/4" | A36 | 72" | 120" | 1837.80 | 01838 |
| 3/4" | A36 | 72" | 144" | 2205.36 | 01839 |
| 3/4" | A36 | 72" | 240" | 3675.60 | 01840 |

P&O PLATES
Cold Reduced—A36

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | A36 | 60" | 96" | 603.40 | 18780 |
| 3/16" | A36 | 60" | 120" | 383.00 | 27802 |
| 1/4" | A36 | 60" | 120" | 510.50 | 25187 |
| 5/16" | A36 | 60" | 120" | 638.00 | 27502 |
| 3/8" | A36 | 60" | 120" | 766.00 | 22879 |
| 1/2" | A36 | 60" | 120" | 1021.00 | 18781 |

INQUIRE REGARDING: Other grades & sizes

P&O PLATES
Cold Reduced—Grade 50

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | GR 50 | 60" | 120" | 383.00 | 28178 |
| 1/4" | GR 50 | 60" | 120" | 510.50 | 27281 |
| 5/16" | GR 50 | 60" | 120" | 638.00 | 32897 |
| 3/8" | GR 50 | 60" | 120" | 766.00 | 25859 |
| 1/2" | GR 50 | 60" | 120" | 1021.00 | 27759 |

P&O PLATES
CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | CS-B | 48" | 74" | 188.95 | 44998 |
| 3/16" | CS-B | 48" | 96" | 245.12 | 44999 |
| 3/16" | CS-B | 48" | 98" | 250.23 | 45000 |
| 3/16" | CS-B | 48" | 120" | 306.40 | 42582 |
| 3/16" | CS-B TP | 48" | 74" | 188.95 | 45001 |
| 3/16" | CS-B TP | 48" | 86" | 219.59 | 45002 |
| 3/16" | CS-B TP | 48" | 96" | 245.12 | 45003 |
| 3/16" | CS-B TP | 48" | 98" | 250.23 | 45004 |
| 3/16" | CS-B TP | 48" | 190" | 485.13 | 45005 |
| 1/4" | CS-B | 48" | 96" | 326.72 | 42590 |
| 1/4" | CS-B | 48" | 120" | 408.40 | 42591 |
| 1/4" | CS-B | 60" | 144" | 612.60 | 45008 |
| 1/4" | CS-B | 60" | 162" | 689.18 | 45009 |
| 1/4" | CS-B TP | 36" | 98" | 250.15 | 42593 |
| 1/4" | CS-B TP | 48" | 96" | 326.72 | 42595 |
| 1/4" | CS-B TP | 48" | 120" | 408.40 | 42596 |
| 1/4" | CS-B TP | 60" | 120" | 510.50 | 45010 |
| 5/16" | CS-B | 48" | 120" | 510.40 | 42605 |

INQUIRE REGARDING: Other grades & sizes

PLATE
Grade 80

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | GR 80 | 60" | 120" | 383.00 | 26224 |
| 1/4" | GR 80 | 48" | 120" | 408.40 | 18061 |
| 1/4" | GR 80 | 60" | 120" | 510.50 | 26865 |
| 1/4" | GR 80 | 72" | 120" | 612.60 | 32622 |
| 5/16" | GR 80 | 60" | 120" | 638.00 | 30012 |
| 3/8" | GR 80 | 48" | 120" | 612.80 | 20186 |
| 3/8" | GR 80 | 60" | 120" | 766.00 | 31190 |
| 1/2" | GR 80 | 60" | 120" | 1021.00 | 30536 |
| 3/4" | GR 80 | 96" | 240" | 4900.80 | 24069 |

PLATE
Grade 100

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | GR 100 | 60" | 120" | 383.00 | 33646 |
| 1/4" | GR 100 | 60" | 120" | 510.50 | 25185 |
| 1/4" | GR 100 | 60" | 240" | 1021.00 | 25702 |
| 5/16" | GR 100 | 60" | 120" | 638.00 | 25029 |
| 3/8" | GR 100 | 60" | 120" | 766.00 | 19435 |

INQUIRE REGARDING: Other grades & sizes

PLATE

CS-B

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | CS-B | 48" | 96" | 244.80 | 49877 |
| 3/16" | CS-B | 48" | 120" | 306.00 | 49875 |
| 3/16" | CS-B | 48" | 144" | 367.20 | 49876 |
| 3/16" | CS-B | 60" | 120" | 383.00 | 26277 |
| 3/16" | CS-B | 60" | 144" | 459.00 | 49879 |
| 3/16" | CS-B | 72" | 120" | 459.00 | 49885 |
| 3/16" | CS-B | 72" | 144" | 550.80 | 49886 |
| 3/16" | CS-B | 72" | 240" | 918.00 | 49887 |
| 3/16" | CS-B | 72" | 288" | 110.60 | 49888 |
| 1/4" | CS-B | 48" | 96" | 326.72 | 49842 |
| 1/4" | CS-B | 48" | 120" | 408.40 | 49841 |
| 1/4" | CS-B | 60" | 120" | 510.50 | 26298 |
| 1/4" | CS-B | 60" | 144" | 612.60 | 49844 |
| 1/4" | CS-B | 60" | 240" | 1021.00 | 49845 |
| 1/4" | CS-B | 72" | 120" | 612.60 | 49851 |
| 1/4" | CS-B | 72" | 144" | 735.12 | 49852 |
| 1/4" | CS-B | 72" | 240" | 1225.20 | 49853 |
| 1/4" | CS-B | 72" | 288" | 1470.24 | 49854 |
| 1/4" | CS-B | 72" | 360" | 1837.80 | 49855 |
| 5/16" | CS-B | 48" | 96" | 408.32 | 49917 |
| 5/16" | CS-B | 60" | 120" | 638.00 | 49918 |
| 3/8" | CS-B | 48" | 96" | 490.24 | 49907 |
| 3/8" | CS-B | 48" | 120" | 612.80 | 49906 |
| 3/8" | CS-B | 60" | 120" | 766.00 | 26016 |
| 3/8" | CS-B | 72" | 120" | 919.20 | 26065 |
| 3/8" | CS-B | 72" | 144" | 1103.04 | 49909 |
| 1/2" | CS-B | 48" | 96" | 653.44 | 49826 |
| 1/2" | CS-B | 48" | 120" | 816.80 | 49825 |
| 1/2" | CS-B | 60" | 120" | 1021.00 | 27954 |
| 1/2" | CS-B | 60" | 240" | 2042.00 | 49828 |

INQUIRE REGARDING: Other grades & sizes

SAFETY FLOOR PLATE

| Gauge | Width | Length | Wt. Per Piece | Item # |
|--------|-------|--------|---------------|--------|
| 14 Ga. | 48" | 96" | 120 | 01635 |
| 14 Ga. | 48" | 120" | 150 | 01642 |
| 12 Ga. | 48" | 96" | 168 | 01626 |
| 12 Ga. | 48" | 120" | 210 | 01629 |
| 12 Ga. | 48" | 144" | 252 | 01632 |
| 12 Ga. | 60" | 96" | 210 | 05342 |
| 12 Ga. | 60" | 120" | 263 | 05343 |
| 12 Ga. | 60" | 144" | 315 | 05344 |
| 1/8" | 48" | 96" | 197 | 01668 |
| 1/8" | 48" | 120" | 246 | 01674 |
| 1/8" | 48" | 144" | 296 | 01676 |
| 1/8" | 60" | 96" | 246 | 01678 |
| 1/8" | 60" | 120" | 308 | 01680 |
| 1/8" | 60" | 144" | 370 | 01681 |
| 1/8" | 72" | 96" | 296 | 01682 |
| 1/8" | 72" | 120" | 370 | 01684 |
| 1/8" | 72" | 144" | 443 | 01686 |
| 3/16" | 48" | 96" | 279 | 01690 |
| 3/16" | 48" | 120" | 348 | 01692 |
| 3/16" | 48" | 144" | 418 | 25890 |
| 3/16" | 60" | 96" | 348 | 01693 |
| 3/16" | 60" | 120" | 436 | 01694 |
| 3/16" | 60" | 144" | 523 | 01695 |
| 3/16" | 72" | 96" | 418 | 04693 |
| 3/16" | 72" | 120" | 523 | 01699 |
| 3/16" | 72" | 144" | 627 | 01701 |
| 3/16" | 72" | 240" | 1045 | 01703 |
| 3/16" | 96" | 240" | 1394 | 29041 |
| 1/4" | 48" | 96" | 360 | 01706 |
| 1/4" | 48" | 120" | 450 | 01708 |
| 1/4" | 48" | 144" | 541 | 01710 |
| 1/4" | 60" | 96" | 450 | 02048 |
| 1/4" | 60" | 120" | 563 | 01712 |
| 1/4" | 60" | 144" | 676 | 02050 |
| 1/4" | 60" | 240" | 1126 | 05090 |
| 1/4" | 72" | 96" | 541 | 02051 |
| 1/4" | 72" | 120" | 676 | 01713 |
| 1/4" | 72" | 144" | 811 | 01715 |
| 1/4" | 72" | 240" | 1351 | 01716 |
| 1/4" | 96" | 240" | 1802 | 23579 |
| 3/8" | 48" | 96" | 524 | 01719 |
| 3/8" | 48" | 120" | 655 | 01721 |
| 1/2" | 48" | 96" | 687 | 01722 |
| 1/2" | 48" | 120" | 859 | 02171 |

REINFORCING BAR

REINFORCING BAR SPECIFICATIONS

Most of our stock Carbon Reinforcing Bar (Rebar) is certified to ASTM A615 and is typically available in both Grade 40 and Grade 60, depending on your application needs. While Grade 40 is common for non-commercial projects, the higher minimum yield and tensile strength properties of Grade 60 provide a more durable, yet cost-effective choice for construction purposes. ASTM A706 Grade 60 weldable rebar may also be available at some locations.

REINFORCING BAR

| Size | Bar No. | Grade | Lbs./Ft. | Lbs./20' | Lbs./40' | Item # |
|------|---------|-------|----------|----------|----------|--------|
| 3/8 | 3 | GR40 | .376 | 7.52 | 15.04 | 01361 |
| 3/8 | 3 | GR60 | .376 | 7.52 | 15.04 | 01365 |
| 1/2 | 4 | GR40 | .668 | 13.36 | 26.72 | 01378 |
| 1/2 | 4 | GR60 | .668 | 13.36 | 26.72 | 01380 |
| 5/8 | 5 | GR40 | 1.043 | 20.86 | 41.72 | 01388 |
| 5/8 | 5 | GR60 | 1.043 | 20.86 | 41.72 | 01393 |
| 3/4 | 6 | GR60 | 1.502 | 30.04 | 60.08 | 01410 |
| 7/8 | 7 | GR60 | 2.044 | 40.88 | 81.76 | 01422 |
| 1 | 8 | GR60 | 2.670 | 53.40 | 106.80 | 01427 |

ROUNDS

ROUNDS SPECIFICATIONS

Cold Drawn Rounds

Our stock Carbon Cold Drawn Rounds are certified to ASTM A108 in Grades C1018 and C1045, with the Grade C1144 rounds typically certified as a Class B under the stress relieved specification ASTM A311. C1018 products are common for general use, with low carbon and medium manganese making them readily weldable. C1045 products are a medium carbon steel with higher strength than the C1018 Grade and respond well to heat treatment. Common applications for C1045 products include gears, bolts, studs, and machine parts.

The ASTM A311 Grade C1144 Class B products have higher sulfur content to aid in machining processes but have also been cold worked to produce higher mechanical properties (100 KSI minimum yield strength and 115 KSI minimum tensile strength) than the similar carbon content C1045 Grade and come with reported mechanical properties on the mill certificate. The stress relief process on the C1144 products following the cold working make them ideal for high strength, high stress, and fatigue prone applications.

Hot Rolled Rounds

Our stock carbon Hot Rolled Rounds 3/4" diameter and above are dual certified to ASTM A36 and ASTM A529 Grade 50 and are ideal for structural applications. Below 3/4" diameter we typically carry both the traditional ASTM A36 structural rounds and a Max .13 Carbon version that is meant to be more formable for general or decorative applications and is generally not intended for structural use.

COLD DRAWN ROUNDS

C1018, C1045, Stress Relieved C1144 / 12' & 20' Lengths

| Size | Lbs./Ft. | Lbs./20' | C1018 Item # | C1045 Item # | C1144 Item # |
|---------|----------|----------|--------------|--------------|--------------|
| 1/8 | .042 | .84 | 01298 | | |
| 3/16 | .094 | 1.88 | 01299 | | |
| 1/4 | .167 | 3.34 | 01302 | | |
| 5/16 | .261 | 5.22 | 01304 | | |
| 3/8 | .375 | 7.52 | 01306 | | |
| 7/16 | .511 | 10.22 | 01308 | | |
| 1/2 | .668 | 13.36 | 01311 | 01396 | 01509 |
| 9/16 | .845 | 16.90 | 01316 | | |
| 5/8 | 1.040 | 20.80 | 01318 | 01399 | 01516 |
| 11/16 | 1.260 | 25.20 | 01319 | | |
| 3/4 | 1.500 | 30.00 | 01322 | 01401 | 01521 |
| 13/16 | 1.760 | 35.20 | 01325 | | |
| 7/8 | 2.045 | 40.90 | 01327 | 01402 | 01522 |
| 15/16 | 2.350 | 47.00 | 01328 | | 01525 |
| 1 | 2.670 | 53.40 | 01330 | 01404 | 01530 |
| 1 1/8 | 3.380 | 67.60 | 01335 | 01405 | 01535 |
| 1 3/16 | 3.770 | 75.40 | 01337 | | 01538 |
| 1 1/4 | 4.170 | 83.40 | 01344 | 01411 | 01542 |
| 1 5/16 | 4.600 | 92.00 | 01345 | | |
| 1 3/8 | 5.050 | 101.00 | 01347 | 01412 | 01547 |
| 1 7/16 | 5.520 | 110.40 | 01348 | 01414 | 01553 |
| 1 1/2 | 6.010 | 120.20 | 01350 | 01417 | 01560 |
| 1 5/8 | 7.050 | 141.00 | 01352 | 01419 | |
| 1 3/4 | 8.180 | 163.60 | 01353 | 01420 | 01569 |
| 1 7/8 | 9.390 | 187.80 | 01354 | 01421 | 01570 |
| 1 15/16 | 10.020 | 200.40 | 01356 | 01423 | 01572 |
| 2 | 10.680 | 213.60 | 01357 | 01424 | 01574 |
| 2 3/16 | 12.780 | 255.60 | 01358 | 01426 | 01578 |
| 2 1/4 | 13.520 | 270.40 | 01360 | 01428 | 01582 |
| 2 3/8 | 15.060 | 301.20 | 01362 | | |
| 2 7/16 | 15.870 | 317.40 | 01363 | 01432 | 01585 |
| 2 1/2 | 16.690 | 333.80 | 01366 | 01433 | 01590 |
| 2 3/4 | 20.190 | 403.80 | 01369 | 01435 | |
| 2 15/16 | 23.040 | 460.80 | 01370 | 01437 | |
| 3 | 24.030 | 480.60 | 01372 | 01441 | 04690 |
| 3 7/16 | 31.550 | 631.00 | 04688 | 30481 | |
| 3 1/2 | 32.710 | 654.20 | 01990 | 01444 | |
| 4 | 42.730 | 854.60 | 01375 | | |
| 5 | 66.76 | 1335.20 | | 49991 | |

HOT ROLLED ROUNDS

MBQ—A36 and A529 Grade 50

| Size | Grade | Length | Lbs./Ft. | Lbs./Piece | Item # |
|-------|----------|--------|----------|------------|--------|
| 1/4 | A36 | 10' | .167 | 1.67 | 49956 |
| 1/4 | A36 | 20' | .167 | 3.34 | 37474 |
| 3/8 | A36 | 10' | .376 | 3.76 | 49978 |
| 3/8 | A36 | 20' | .376 | 7.52 | 39227 |
| 1/2 | A36 | 20' | .668 | 13.36 | 00435 |
| 9/16 | A36 | 20' | .845 | 16.90 | 00440 |
| 5/8 | A36 | 20' | 1.043 | 20.86 | 00443 |
| 5/8 | A36 | 40' | 1.043 | 41.72 | 00446 |
| 3/4 | A36 GR50 | 20' | 1.502 | 30.04 | 00448 |
| 3/4 | A36 GR50 | 40' | 1.502 | 60.08 | 00450 |
| 7/8 | A36 GR50 | 20' | 2.045 | 40.88 | 00451 |
| 7/8 | A36 GR50 | 40' | 2.045 | 81.80 | 00452 |
| 1 | A36 GR50 | 20' | 2.670 | 53.40 | 00454 |
| 1 | A36 GR50 | 40' | 2.670 | 106.80 | 00458 |
| 1 1/8 | A36 GR50 | 20' | 3.380 | 67.60 | 00461 |
| 1 1/4 | A36 GR50 | 20' | 4.172 | 83.44 | 00465 |
| 1 3/8 | A36 GR50 | 20' | 5.049 | 100.98 | 00468 |
| 1 1/2 | A36 GR50 | 20' | 6.008 | 120.16 | 00470 |
| 1 3/4 | A36 GR50 | 20' | 8.180 | 163.60 | 00474 |
| 2 | A36 GR50 | 20' | 10.680 | 213.60 | 00477 |
| 2 1/2 | A36 GR50 | 20' | 16.690 | 333.80 | 00486 |
| 6 1/2 | A36 | 10' | 38.05 | 380.50 | 49998 |

SQUARES

SQUARES SPECIFICATIONS

Cold Drawn Squares

Like our stock Cold Drawn Flats, most of our stock Carbon Cold Drawn Squares are certified to ASTM A108 Grade C1018. These low carbon products have a medium manganese content that make them readily weldable and are suitable for general purpose applications. C1018 Cold Drawn Squares also provide good case hardening and fair machinability properties. ASTM A108 products are typically not tensile tested by the producers so no yield, tensile, or elongation percentages will be shown on the test reports, only the chemical composition is required.

Hot Rolled Squares

Our stock carbon Hot Rolled Squares are certified to ASTM A36, with 36 KSI minimum yield strength and a tensile strength range of 58-80 KSI, they can be used for structural applications as well as general purpose use.

COLD DRAWN SQUARES

C1018

| Size | Lbs./Ft. | Lbs./12' | Item # |
|-------|----------|----------|--------|
| 1/4 | .213 | 2.56 | 01286 |
| 5/16 | .332 | 3.98 | 01287 |
| 3/8 | .478 | 5.74 | 01288 |
| 1/2 | .850 | 10.20 | 01290 |
| 5/8 | 1.330 | 15.96 | 01291 |
| 3/4 | 1.910 | 22.92 | 01292 |
| 7/8 | 2.600 | 31.20 | 01293 |
| 1 | 3.400 | 40.80 | 01294 |
| 1 1/8 | 4.300 | 51.60 | 01295 |
| 1 1/4 | 5.310 | 63.72 | 01296 |
| 1 1/2 | 7.650 | 91.80 | 18712 |
| 2 | 13.600 | 163.20 | 02206 |

HOT ROLLED SQUARES

A36

| Size | Lbs./Ft. | Lbs./20' | Item # |
|-------|----------|----------|--------|
| 3/8 | .478 | 9.56 | 01468 |
| 1/2 | .850 | 17.00 | 01478 |
| 5/8 | 1.328 | 26.56 | 01479 |
| 3/4 | 1.913 | 38.26 | 01481 |
| 7/8 | 2.603 | 52.06 | 01483 |
| 1 | 3.402 | 68.04 | 01485 |
| 1 1/4 | 5.316 | 106.23 | 01487 |
| 1 1/2 | 7.655 | 153.10 | 01489 |
| 2 | 13.600 | 272.00 | 01492 |

ALUMINUM

LETTERS SHEET

SHEET SPECIFICATIONS

Aluminum

Our stock Aluminum Sheets are primarily certified to ASTM B209 5052-H32. The 5052-H32 sheet products have very good corrosion resistance, good workability, weldability, and strength (23 KSI minimum yield strength and a range of 31-38 KSI tensile strength).

ALUMINUM SHEET

5052 H32

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| .063 | 5052 H32 | 48" | 96" | 28.16 | 51089 |
| .063 | 5052 H32 | 60" | 144" | 52.80 | 51090 |
| .080 | 5052 H32 | 48" | 120" | 55.85 | 38838 |
| .080 | 5052 H32 | 48" | 144" | 53.28 | 51092 |
| .080 | 5052 H32 | 60" | 96" | 35.74 | 47683 |
| .080 | 5052 H32 | 60" | 144" | 66.60 | 51093 |
| .080 | 5052 H32 | 60" | 192" | 88.80 | 51094 |
| .080 | 5052 H32 | 72" | 120" | 66.60 | 51096 |
| .080 | 5052 H32 | 72" | 144" | 79.92 | 51097 |
| .090 | 5052 H32 | 48" | 144" | 60.00 | 51100 |
| .100 | 5052 H32 | 48" | 240" | 111.20 | 51103 |
| .100 | 5052 H32 | 48" | 120" | 69.85 | 47127 |
| .100 | 5052 H32 | 60" | 144" | 66.72 | 51102 |
| .125 | 5052 H32 | 48" | 96" | 55.68 | 51109 |
| .125 | 5052 H32 | 48" | 120" | 69.84 | 44369 |
| .125 | 5052 H32 | 48" | 144" | 83.81 | 44363 |
| .125 | 5052 H32 | 48" | 240" | 139.20 | 51110 |
| .125 | 5052 H32 | 60" | 96" | 69.84 | 44352 |
| .125 | 5052 H32 | 60" | 120" | 87.30 | 38738 |
| .125 | 5052 H32 | 60" | 144" | 104.40 | 51115 |
| .125 | 5052 H32 | 60" | 240" | 104.40 | 51114 |
| .125 | 5052 H32 | 72" | 120" | 104.40 | 51116 |
| .125 | 5052 H32 | 72" | 144" | 125.28 | 51117 |
| .125 | 5052 H32 | 72" | 240" | 208.80 | 51119 |
| .160 | 5052 H32 | 48" | 96" | 71.36 | 51122 |
| .160 | 5052 H32 | 48" | 120" | 89.20 | 51121 |
| .160 | 5052 H32 | 60" | 300" | 278.75 | 51124 |
| .160 | 5052 H32 | 60" | 360" | 334.50 | 51125 |
| .190 | 5052 H32 | 48" | 96" | 84.93 | 44379 |
| .190 | 5052 H32 | 48" | 120" | 106.16 | 44380 |
| .190 | 5052 H32 | 48" | 144" | 127.39 | 44381 |
| .190 | 5052 H32 | 60" | 120" | 132.90 | 39787 |
| .190 | 5052 H32 | 60" | 144" | 159.48 | 40246 |
| .190 | 5052 H32 | 72" | 120" | 159.48 | 51132 |
| .250 | 5052 H32 | 48" | 96" | 11.74 | 44389 |
| .250 | 5052 H32 | 48" | 120" | 139.68 | 44390 |
| .250 | 5052 H32 | 48" | 144" | 167.62 | 45450 |
| .250 | 5052 H32 | 60" | 96" | 139.68 | 44392 |
| .250 | 5052 H32 | 60" | 120" | 174.60 | 44391 |

INQUIRE REGARDING: Painted aluminum stock, available finishes,
and protective covering options

ALUMINUM FLOOR PLATES

3003 H22

| Description | | Width | Est. Wt. Per Sq. Ft. | Item # |
|-------------|----------|-------|-------------------------|--------|
| Thickness | Type | | | |
| .045 | 3003 H22 | 48" | .699 | 43963 |
| .063 | 3003 H22 | 48" | .979 | 43971 |
| .063 | 3003 H22 | 60" | .979 | 43972 |
| .080 | 3003 H22 | 48" | 1.24 | 50984 |
| .080 | 3003 H22 | 48" | 1.24 | 50985 |
| .100 | 3003 H22 | 48" | 1.555 | 43977 |
| .100 | 3003 H22 | 60" | 1.555 | 50989 |
| .125 | 3003 H22 | 48" | 1.944 | 43978 |
| .125 | 3003 H22 | 60" | 1.944 | 43979 |
| .188 | 3003 H22 | 48" | 2.814 | 43980 |
| .190 | 3003 H22 | 48" | 2.924 | 50991 |
| .190 | 3003 H22 | 48" | 2.924 | 50992 |
| .190 | 3003 H22 | 60" | 2.924 | 50993 |
| .250 | 3003 H22 | 48" | 3.670 | 50994 |
| .250 | 3003 H22 | 48" | 3.670 | 50995 |
| .250 | 3003 H22 | 60" | 3.670 | 50996 |
| .250 | 3003 H22 | 60" | 3.670 | 50997 |

ALUMINUM FLOOR PLATES

4017 H22

| Description | | Width | Est. Wt. Per Sq. Ft. | Item # |
|-------------|----------|------------|-------------------------|--------|
| Thickness | Type | | | |
| .045 | 4017 H22 | 48" | .699 | 44083 |
| .056 | 4017 H22 | 48" | .870 | 44088 |
| .056 | 4017 H22 | 60" | .870 | 44090 |
| .063 | 4017 H22 | 48" | .979 | 44094 |
| .072 | 4017 H22 | 48" | 1.119 | 44098 |
| .072 | 4017 H22 | 60" | 1.119 | 45423 |
| .090 | 4017 H22 | 60" | 1.399 | 44100 |
| .125 | 4017 H22 | 48" | 1.944 | 44103 |
| .125 | 4017 H22 | 60" | 1.944 | 44104 |

COLL

COIL SPECIFICATIONS

We stock a wide variety of coils and can provide pup coils to ID/OD/Weight, conventional leveling to length, slitting to width, blanking to size, and cold reduction temper leveling to lengths of up to 60+ feet.

Our in-house chemical, mechanical, and Charpy testing capabilities combined with ASTM involvement and rigorous material validation processes allow us to certify our coil products to the most current ASTM coil and sheet standards as well as structural plate specifications with confidence.

Please see typical stock specification and Grade information under the Sheet and Plate sections in this book.

*All coil products can be cut to sheet.

ALUMINUM TOLERANCE RANGES

| Aluminum | | | | | |
|----------------------------|--------------------|----------|---------------------------|----------|----------|
| Thickness Tolerance Ranges | | | | | |
| Thickness | Pounds Per Sq. Ft. | | Thickness Tolerance (+/-) | | |
| | 3003-H14 | 5052-H32 | 36" Wide | 48" Wide | 60" Wide |
| .025 | 0.356 | 0.349 | .0015 | .0020 | .0030 |
| .032 | 0.456 | 0.447 | .0020 | .0025 | .0035 |
| .040 | 0.570 | 0.559 | .0025 | .0035 | .0045 |
| .050 | 0.713 | 0.698 | .0030 | .0035 | .0050 |
| .063 | 0.898 | 0.880 | .0030 | .0035 | .0050 |
| .080 | 1.140 | 1.117 | .0035 | .0045 | .0060 |
| .090 | 1.283 | 1.257 | .0035 | .0045 | .0060 |
| .100 | 1.426 | 1.397 | .0045 | .0060 | .0070 |
| .125 | 1.782 | 1.746 | .0045 | .0060 | .0070 |
| .190 | 2.709 | 2.654 | .0070 | .0090 | .0110 |
| .250 | 3.564 | 3.492 | .0120 | .0140 | .0150 |

ALUMINUM COIL

3003 H14

| Gauge | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------------|--------|
| .020 | 36" | .285 | 43890 |
| .020 | 48" | .285 | 43891 |
| .020 | 60" | .285 | 45379 |
| .025 | 48" | .365 | 43897 |
| .032 | 36" | .456 | 43907 |
| .032 | 48" | .456 | 43908 |
| .040 | 48" | .570 | 43914 |
| .040 | 60" | .570 | 43916 |
| .050 | 36" | .712 | 43926 |
| .050 | 48" | .712 | 43927 |
| .050 | 60" | .712 | 43929 |
| .063 | 36" | .898 | 43933 |
| .063 | 48" | .898 | 43935 |
| .063 | 60" | .898 | 43936 |
| .080 | 48" | 1.140 | 43941 |
| .080 | 60" | 1.140 | 43942 |
| .090 | 48" | 1.283 | 43943 |
| .090 | 60" | 1.283 | 43944 |
| .100 | 48" | 1.425 | 43951 |
| .100 | 60" | 1.425 | 43953 |
| .125 | 48" | 1.782 | 43958 |
| .125 | 60" | 1.782 | 43959 |

INQUIRE REGARDING: Painted aluminum stock, available finishes,
and protective covering options

ALUMINUM COIL

5052 H32

| Gauge | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------------|--------|
| .032 | 48" | .446 | 44173 |
| .040 | 48" | .558 | 44177 |
| .060 | 36" | .698 | 44180 |
| .060 | 48" | .698 | 44181 |
| .060 | 60" | .698 | 44182 |
| .063 | 36" | .879 | 44187 |
| .063 | 48" | .879 | 44188 |
| .063 | 60" | .879 | 44189 |
| .063 | 72" | .879 | 44190 |
| .080 | 36" | 1.117 | 44197 |
| .080 | 48" | 1.117 | 44198 |
| .080 | 60" | 1.117 | 44199 |
| .090 | 36" | 1.257 | 44207 |
| .090 | 48" | 1.257 | 44208 |
| .090 | 60" | 1.257 | 44209 |
| .100 | 48" | 1.396 | 44220 |
| .100 | 60" | 1.396 | 44222 |
| .125 | 36" | 1.746 | 44235 |
| .125 | 48" | 1.746 | 44236 |
| .125 | 60" | 1.746 | 44237 |
| .160 | 48" | 2.234 | 44252 |
| .190 | 48" | 2.653 | 44255 |
| .190 | 60" | 2.653 | 44256 |
| .250 | 48" | 3.492 | 44259 |
| .250 | 60" | 3.492 | 44260 |

INQUIRE REGARDING: Painted aluminum stock, available finishes,
and protective covering options

ALUMINUM COIL
5052 H38

| Gauge | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------------|--------|
| .100 | 48" | 1.396 | 44228 |
| .125 | 48" | 1.746 | 44247 |

ALUMINUM COIL
5052 H111

| Gauge | Width | Wt./Sq. Ft. | Item # |
|-------|-------|-------------|--------|
| .063 | 44" | .879 | 45437 |
| .063 | 48" | .879 | 44185 |
| .063 | 51" | .879 | 45438 |
| .063 | 59" | .879 | 44186 |
| .080 | 56" | 1.117 | 44195 |

ALUMINUM COIL
Wide Roof Coil—3003 H16

| Gauge | Width | Wt./Sq. Ft. | Item # |
|-------|---------|-------------|--------|
| .025 | 61" | .356 | 43899 |
| .025 | 70 1/2" | .356 | 43900 |
| .025 | 73" | .356 | 43901 |
| .025 | 82.1/2" | .356 | 43903 |
| .025 | 89" | .356 | 43904 |
| .025 | 92 3/4" | .356 | 43905 |
| .040 | 69 3/4" | .570 | 45381 |
| .040 | 78" | .570 | 45382 |
| .040 | 79" | .570 | 45383 |
| .040 | 84" | .570 | 43919 |
| .040 | 87" | .570 | 43920 |
| .040 | 89 1/2" | .570 | 43921 |
| .040 | 92" | .570 | 43922 |

INQUIRE REGARDING: Painted aluminum stock, available finishes,
and protective covering options

PLATE

PLATE SPECIFICATIONS

Aluminum Plate

Our stock Aluminum Plates are certified to either ASTM B209 5052-H32 or 5086-H116. The 5052-H32 products have very good corrosion resistance, good workability, weldability, and strength (23 KSI minimum yield strength and a range of 31-38 KSI tensile strength). The 5086-H116 products resist stress corrosion and superior atmospheric corrosion resistance, along with slightly less workability than the 5052-H32 products due to the higher strength properties (28 KSI minimum yield strength and a range of 40-52 KSI tensile strength).

ALUMINUM PLATE

5052 H32

| Description | | Width | Length | Wt. Per Piece | Item # |
|-------------|----------|-------|--------|---------------|--------|
| Thickness | Type | | | | |
| .250 | 5052 H32 | 48" | 96" | 117.12 | 50959 |
| .250 | 5052 H32 | 48" | 144" | 175.68 | 50958 |
| .250 | 5052 H32 | 60" | 120" | 174.50 | 50962 |
| .250 | 5052 H32 | 60" | 144" | 209.40 | 50963 |
| .250 | 5052 H32 | 72" | 120" | 209.40 | 50968 |
| .250 | 5052 H32 | 72" | 240" | 418.80 | 50969 |
| .375 | 5052 H32 | 48" | 144" | 251.04 | 50978 |

ALUMINUM PLATE

5086 H116

| Description | | Width | Length | Wt. Per Piece | Item # |
|-------------|-----------|-------|--------|---------------|--------|
| Thickness | Type | | | | |
| .250 | 5086 H116 | 60" | 144" | 219.60 | 50966 |
| .250 | 5086 H116 | 96" | 240" | 553.77 | 50972 |
| .250 | 5086 H116 | 96" | 300" | 692.21 | 50973 |
| .375 | 5086 H116 | 96" | 300" | 1098.00 | 50979 |

INQUIRE REGARDING: Other grades & sizes

ALUMINUM FLOOR PLATES

3003 H22

| Description | | Width | Est. Wt. Per Sq. Ft. | Item # |
|-------------|----------|-------|----------------------|--------|
| Thickness | Type | | | |
| .045 | 3003 H22 | 48" | .699 | 43963 |
| .063 | 3003 H22 | 48" | .979 | 43971 |
| .063 | 3003 H22 | 60" | .979 | 43972 |
| .080 | 3003 H22 | 48" | 1.24 | 50984 |
| .080 | 3003 H22 | 48" | 1.24 | 50985 |
| .100 | 3003 H22 | 48" | 1.555 | 43977 |
| .100 | 3003 H22 | 60" | 1.555 | 50989 |
| .125 | 3003 H22 | 48" | 1.944 | 43978 |
| .125 | 3003 H22 | 60" | 1.944 | 43979 |
| .188 | 3003 H22 | 48" | 2.814 | 43980 |
| .190 | 3003 H22 | 48" | 2.924 | 50991 |
| .190 | 3003 H22 | 48" | 2.924 | 50992 |
| .190 | 3003 H22 | 60" | 2.924 | 50993 |
| .250 | 3003 H22 | 48" | 3.670 | 50994 |
| .250 | 3003 H22 | 48" | 3.670 | 50995 |
| .250 | 3003 H22 | 60" | 3.670 | 50996 |
| .250 | 3003 H22 | 60" | 3.670 | 50997 |

ALUMINUM FLOOR PLATES

4017 H22

| Description | | Width | Est. Wt. Per Sq. Ft. | Item # |
|-------------|----------|-------|----------------------|--------|
| Thickness | Type | | | |
| .045 | 4017 H22 | 48" | .699 | 44083 |
| .056 | 4017 H22 | 48" | .870 | 44088 |
| .056 | 4017 H22 | 60" | .870 | 44090 |
| .063 | 4017 H22 | 48" | .979 | 44094 |
| .072 | 4017 H22 | 48" | 1.119 | 44098 |
| .072 | 4017 H22 | 60" | 1.119 | 45423 |
| .090 | 4017 H22 | 60" | 1.399 | 44100 |
| .125 | 4017 H22 | 48" | 1.944 | 44103 |
| .125 | 4017 H22 | 60" | 1.944 | 44104 |

ROUNDS

ROUNDS SPECIFICATIONS

Aluminum Rounds

Most of our stock Aluminum Rounds are certified to ASTM B221 6061-T6. These are a versatile heat treatable product that offers good strength and corrosion resistance, but less machinability for screw stock applications, and requires very liberal bending radius if attempting to form.

ALUMINUM ROUNDS

6061 T6

| Size | Length | Wt. Per Piece | Item # |
|--------|--------|---------------|--------|
| 1/4" | 144" | .06 | 51019 |
| 3/8" | 144" | 1.56 | 51032 |
| 7/16" | 144" | 2.16 | 51040 |
| 1/2" | 144" | 2.76 | 51015 |
| 5/8" | 144" | 4.32 | 51037 |
| 3/4" | 144" | 6.12 | 51029 |
| 7/8" | 120" | 7.00 | 51042 |
| 7/8" | 144" | 8.40 | 51043 |
| 1" | 144" | 11.04 | 51002 |
| 1 1/8" | 120" | 12.00 | 51007 |
| 1 1/8" | 144" | 14.40 | 51008 |
| 1 1/4" | 144" | 17.76 | 51006 |
| 1 1/2" | 144" | 25.56 | 51004 |
| 1 3/8" | 144" | 20.88 | 51011 |
| 1 5/8" | 144" | 29.52 | 51012 |
| 1 3/4" | 144" | 34.92 | 51010 |
| 2" | 144" | 45.24 | 00480 |
| 2 1/4" | 144" | 57.72 | 51022 |
| 2 1/2" | 144" | 61.12 | 51020 |
| 3" | 144" | 101.76 | 51024 |
| 3 1/2" | 144" | 135.60 | 51025 |
| 6" | 144" | 398.52 | 51039 |

TUBE

TUBING SPECIFICATIONS

Aluminum Rectangular Tubing

Most of our stock Aluminum Rectangular Tubing is certified to ASTM B221 6061-T6. These heat treatable products have many mechanical applications, and with roughly double the strength of the non-heat treatable 3003 H14 products, can be utilized in some structural applications as well. They are readily weldable and provide good workability and corrosion resistance.

Aluminum Square Tubing

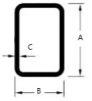
Our stock Square Aluminum Tubing is also certified as either ASTM B221 6061-T6 or 6063-T52, depending on your application needs. Both alloys are heat treatable, readily weldable, and provide good workability. The finish on the 6063-T52 typically lends itself for architectural applications, while the strength of the 6061-T6 makes it a better fit for structural uses.

Aluminum Round Tubing

Our stock Round Aluminum Tubing is certified as either ASTM B221 6061-T6 or 6063-T52 and in some OD's we have both available, depending on your application needs. The 6063-T52 products are highly corrosion resistant, and with a finish suitable for anodizing, are typically used in architectural applications. The 6061-T6 products are more commonly used where more strength is required, and still offer good corrosion resistance, workability, and weldability.

ALUMINUM RECTANGULAR TUBE

6061 T6



| Size | | Gauge | Length | Wt. Lbs./Ft | Item # |
|-------|---------|-------|--------|----------------|--------|
| A | B | C | | | |
| 1 1/2 | X 1 | 1/8" | 240" | 13.40 | 51163 |
| 2 | X 1 | 1/8" | 240" | 16.00 | 51185 |
| 2 | X 1 1/2 | 1/8" | 240" | 19.60 | 51183 |
| 3 | X 1 | 1/8" | 240" | 22.60 | 51204 |
| 3 | X 1 1/2 | 1/8" | 240" | 25.00 | 51201 |
| 3 | X 2 | 1/8" | 240" | 28.40 | 51207 |
| 3 | X 2 | 1/4" | 240" | 54.00 | 51210 |
| 4 | X 1 1/2 | 1/8" | 240" | 31.40 | 51221 |
| 4 | X 2 | 1/8" | 240" | 33.80 | 51224 |
| 4 | X 2 | 3/16" | 240" | 49.60 | 51227 |
| 4 | X 2 | 1/4" | 240" | 64.00 | 51230 |
| 4 | X 3 | 1/4" | 240" | 78.00 | 51233 |
| 6 | X 2 | 1/4" | 240" | 85.60 | 51243 |
| 6 | X 4 | 1/4" | 240" | 114.00 | 51246 |
| 8 | X 4 | 1/4" | 240" | 135.20 | 51249 |

ALUMINUM ROUND TUBE

6061 / 6063 Alloys



| Size (OD) | Description | Length | Item # |
|-----------|-----------------|--------|--------|
| A | B | | |
| 3/8" | .091 6061 T6 | 240" | 50942 |
| 3/4" | .147 6061 T6 | 240" | 51070 |
| .84" | .147 6061 T6 | 240" | 50921 |
| .84" | 12 Ga. 6063 T52 | 240" | 50919 |
| 7/8" | 16 Ga. 6063 T52 | 252 | 51078 |
| 7/8" | 16 Ga. 6063 T52 | 288 | 50179 |
| 1" | .063 6061 T6 | 240" | 51055 |
| 1" | 1/8" 6061 T6 | 240" | 51058 |
| 1" | 1/4" 6061 T6 | 240" | 51060 |
| 1.05" | .113 6063 T52 | 240" | 50939 |
| 1.05" | .113 6063 T6 | 240" | 50941 |
| 1 1/4" | 1/8" 6061 T6 | 240" | 51051 |
| 1 1/4" | 1/4" 6061 T6 | 240" | 51053 |
| 1.315" | .133 6061 T6 | 240" | 50923 |
| 1.315" | .133 6061 T6 | 288" | 50924 |
| 1.315" | .179 6061 T6 | 288" | 50928 |
| 1.315" | .133 6063 T52 | 240" | 50926 |
| 1 1/2" | 1/8" 6063 T52 | 288" | 51048 |
| 1 1/2" | 1/8" 6061 T6 | 240" | 51047 |
| 1 1/2" | 1/4" 6061 T6 | 240" | 51049 |
| 1.66" | .14 6061 T6 | 240" | 50914 |
| 1.66" | .14 6063 T52 | 240" | 50916 |
| 1.66" | .14 6063 T6 | 240" | 50917 |
| 1.9" | .145 6061 T6 | 240" | 50907 |
| 1.9" | .145 6063 T52 | 240" | 50909 |
| 1.9" | .145 6063 T6 | 240" | 50910 |
| 1.9" | .2 6061 T6 | 240" | 50912 |
| 2" | 1/8" 6061 T6 | 240" | 51065 |
| 2 3/8" | .154 6061T6 | 240" | 50936 |
| 2 3/8" | .218 6061 T6 | 240" | 50937 |
| 2 1/2" | 16 Ga. 6061 T6 | 240" | 51062 |
| 2 7/8" | .203 6061 T6 | 240" | 50932 |
| 2 7/8" | .203 6061 T6 | 252" | 50933 |
| 2 7/8" | .276 6061 T6 | 240" | 50934 |
| 3" | 1/8" 6061 T6 | 240" | 51072 |
| 3 1/2" | 11 Ga. 6061 T6 | 240" | 50943 |
| 3 1/2" | .216 6061 T6 | 240" | 50945 |
| 4" | .226 601 T6 | 240" | 50938 |
| 4 1/2" | .237 6061 T6 | 240" | 50948 |
| 6" | 1/8" 6061 T6 | 240" | 51076 |
| 12 3/4" | 1/4" 6061 T6 | 240" | 50930 |

ALUMINUM SQUARE TUBE

6061 T6



| Size | | | Gauge | Length | Wt. Lbs./Ft | Item # |
|-------|---|-------|--------|--------|----------------|--------|
| A | | | B | | | |
| 1 | X | 1 | 1/8" | 240" | .52 | 51176 |
| 1 1/4 | X | 1 1/4 | .13 | 240" | .67 | 51168 |
| 1 1/2 | X | 1 1/2 | 16 Ga. | 288" | .42 | 51148 |
| 1 1/2 | X | 1 1/2 | 16 Ga. | 240" | .42 | 51150 |
| 1 1/2 | X | 1 1/2 | .13 | 240" | .81 | 41021 |
| 1 1/2 | X | 1 1/2 | .19 | 240" | 1.18 | 51160 |
| 1 3/4 | X | 1 3/4 | .13 | 240" | .92 | 51172 |
| 2 | X | 2 | 1/8" | 240" | 1.13 | 41029 |
| 2 | X | 2 | 3/16" | 240" | 1.63 | 51193 |
| 2 | X | 2 | 1/4" | 240" | 2.05 | 51197 |
| 2 1/2 | X | 2 1/2 | 1/4" | 240" | 2.70 | 51182 |
| 3 | X | 3 | 1/8" | 240" | 1.67 | 51212 |
| 3 | X | 3 | 3/16" | 240" | 2.53 | 51215 |
| 3 | X | 3 | 1/4" | 240" | 3.30 | 51218 |
| 4 | X | 4 | 1/8" | 240" | 2.33 | 51235 |
| 4 | X | 4 | 3/16" | 240" | 3.35 | 51237 |
| 4 | X | 4 | 1/4" | 240" | 4.50 | 51239 |

ALUMINUM SQUARE TUBE

6063 T52



| Size | | | Gauge | Length | Wt. Lbs./Ft | Item # |
|-------|---|-------|--------|--------|----------------|--------|
| A | | | B | | | |
| 1/2" | X | 1/2" | .062 | 288" | .12 | 51173 |
| 1 | X | 1 | 1/8" | 288" | .52 | 51180 |
| 1 1/4 | X | 1 1/4 | 16 Ga. | 288" | .35 | 51165 |
| 1 1/4 | X | 1 1/4 | .13 | 288" | .67 | 51170 |
| 1 1/2 | X | 1 1/2 | 16 Ga. | 288" | .42 | 51152 |
| 1 1/2 | X | 1 1/2 | .13 | 240" | .82 | 51157 |
| 1 1/2 | X | 1 1/2 | .13 | 288" | .82 | 51156 |
| 2 | X | 2 | 3/16" | 240" | 1.63 | 51195 |

STAINLESS

ANGLES

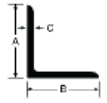
ANGLE SPECIFICATIONS

Stainless Steel Angles

Most of our stock Stainless Steel Angles are certified to ASTM A276 Type 304. Some are also available in the extra low carbon Grade of Type 304L to help with welded applications in severely corrosive environments.

STAINLESS ANGLES

Type 304



| Size | | | | | Lbs./Ft. | Lbs./20' | Item # |
|-------|---|-------|---|------|----------|----------|--------|
| A | | B | | C | | | |
| 1 | X | 1 | X | 1/8 | .80 | 16.00 | 37349 |
| 1 | X | 1 | X | 3/16 | 1.16 | 23.20 | 37350 |
| 1 | X | 1 | X | 1/4 | 1.49 | 29.80 | 37764 |
| 1 1/4 | X | 1 1/4 | X | 1/8 | 1.01 | 20.20 | 37761 |
| 1 1/4 | X | 1 1/4 | X | 3/16 | 1.48 | 29.60 | 37762 |
| 1 1/2 | X | 1 1/2 | X | 1/8 | 1.23 | 24.60 | 37351 |
| 1 1/2 | X | 1 1/2 | X | 3/16 | 1.80 | 36.00 | 37352 |
| 1 1/2 | X | 1 1/2 | X | 1/4 | 2.34 | 46.80 | 37353 |
| 2 | X | 2 | X | 1/8 | 1.65 | 33.00 | 37354 |
| 2 | X | 2 | X | 3/16 | 2.44 | 48.80 | 37355 |
| 2 | X | 2 | X | 1/4 | 3.19 | 63.80 | 37356 |
| 2 | X | 2 | X | 3/8 | 4.70 | 94.00 | 37765 |
| 2 1/2 | X | 2 1/2 | X | 3/16 | 3.07 | 61.40 | 37766 |
| 2 1/2 | X | 2 1/2 | X | 1/4 | 4.10 | 82.00 | 37767 |
| 2 1/2 | X | 2 1/2 | X | 3/8 | 5.90 | 118.00 | 37768 |
| 3 | X | 3 | X | 3/16 | 3.71 | 74.20 | 37359 |
| 3 | X | 3 | X | 1/4 | 4.90 | 98.00 | 37358 |
| 3 | X | 3 | X | 3/8 | 7.20 | 144.00 | 37769 |

LETTERS SHEET

SHEET SPECIFICATIONS

Stainless Steel

We stock several different types of Stainless Steel Sheets, with even more options for protection depending on your application needs, but types all are certified to ASTM A240. The Austenitic 300 series types of 301 and 304/304L are non-magnetic (but typically more formable) due to the higher nickel content, while the Ferritic 400 series types of 430 and 441 are magnetic. Finishes of at least 2B quality are standard on our stock sheet products, with a polished #4 finish also available in some sizes. Both 300 and 400 series contain at least 10.5% Chromium to provide good corrosion resistance.

STAINLESS STEEL SHEET

301

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 20 Ga. | 301 | 48" | 96" | 48.38 | 43706 |
| 20 Ga. | 301 | 48" | 120" | 60.48 | 43707 |
| 18 Ga. | 301 | 36" | 96" | 48.38 | 43620 |
| 18 Ga. | 301 | 36" | 120" | 60.48 | 43621 |
| 18 Ga. | 301 | 36" | 144" | 72.58 | 43622 |
| 18 Ga. | 301 | 48" | 96" | 64.51 | 43623 |
| 18 Ga. | 301 | 48" | 120" | 80.64 | 43624 |
| 18 Ga. | 301 | 48" | 144" | 96.77 | 43625 |
| 18 Ga. | 301 | 60" | 120" | 100.80 | 43626 |
| 18 Ga. | 301 | 60" | 144" | 120.96 | 43627 |
| 16 Ga. | 301 | 36" | 96" | 60.48 | 43579 |
| 16 Ga. | 301 | 36" | 120" | 75.60 | 43580 |
| 16 Ga. | 301 | 36" | 144" | 90.72 | 43581 |
| 16 Ga. | 301 | 48" | 96" | 80.64 | 43582 |
| 16 Ga. | 301 | 48" | 144" | 120.96 | 43584 |
| 16 Ga. | 301 | 60" | 120" | 126.00 | 43585 |
| 16 Ga. | 301 | 60" | 144" | 151.20 | 43586 |
| 14 Ga. | 301 | 36" | 144" | 113.40 | 43541 |
| 14 Ga. | 301 | 48" | 96" | 100.80 | 43542 |
| 14 Ga. | 301 | 48" | 120" | 126.00 | 43543 |
| 14 Ga. | 301 | 48" | 144" | 151.20 | 43544 |

STAINLESS STEEL SHEET

304/304L

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 26 Ga. | 304 | 48" | 96" | 24.19 | 43796 |
| 26 Ga. | 304 | 48" | 120" | 30.24 | 43797 |
| 24 Ga. | 304 | 48" | 96" | 32.32 | 43783 |
| 24 Ga. | 304 | 48" | 120" | 40.40 | 43784 |
| 24 Ga. | 304L | 48" | 120" | 40.40 | 43786 |
| 24 Ga. | 304 | 48" | 96" | 32.32 | 43788 |
| 24 Ga. | 304 | 48" | 120" | 40.40 | 43787 |
| 22 Ga. | 304 | 36" | 120" | 37.80 | 43769 |
| 22 Ga. | 304 | 48" | 96" | 40.32 | 43755 |
| 22 Ga. | 304 | 48" | 120" | 50.41 | 43756 |

STAINLESS STEEL SHEET

304/304L

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 22 Ga. | 304 | 60" | 96" | 50.41 | 43752 |
| 22 Ga. | 304 | 60" | 120" | 63.01 | 43757 |
| 20 Ga. | 304L | 48" | 120" | 60.48 | 43719 |
| 20 Ga. | 304 | 36" | 96" | 36.29 | 43715 |
| 20 Ga. | 304 | 36" | 120" | 45.36 | 43729 |
| 20 Ga. | 304 | 48" | 96" | 48.38 | 43716 |
| 20 Ga. | 304 | 48" | 120" | 60.48 | 43717 |
| 20 Ga. | 304 | 60" | 96" | 60.48 | 43712 |
| 20 Ga. | 304 | 60" | 120" | 75.60 | 43718 |
| 18 Ga. | 304L | 48" | 120" | 80.64 | 43640 |
| 18 Ga. | 304 | 36" | 96" | 48.38 | 43629 |
| 18 Ga. | 304 | 36" | 120" | 60.48 | 43660 |
| 18 Ga. | 304 | 36" | 144" | 72.58 | 45318 |
| 18 Ga. | 304 | 48" | 96" | 64.51 | 45316 |
| 18 Ga. | 304 | 48" | 120" | 80.64 | 43638 |
| 18 Ga. | 304 | 48" | 144" | 96.77 | 45320 |
| 18 Ga. | 304 | 60" | 96" | 80.64 | 43635 |
| 18 Ga. | 304 | 60" | 120" | 100.80 | 37397 |
| 16 Ga. | 304 | 36" | 96" | 60.48 | 43591 |
| 16 Ga. | 304 | 36" | 120" | 75.60 | 43592 |
| 16 Ga. | 304 | 36" | 144" | 90.72 | 43607 |
| 16 Ga. | 304 | 48" | 96" | 80.64 | 43508 |
| 16 Ga. | 304 | 48" | 120" | 100.80 | 37393 |
| 16 Ga. | 304 | 48" | 144" | 120.96 | 45312 |
| 16 Ga. | 304 | 60" | 96" | 100.80 | 43605 |
| 16 Ga. | 304 | 60" | 120" | 126.00 | 37398 |
| 14 Ga. | 304 | 36" | 96" | 75.60 | 43549 |
| 14 Ga. | 304 | 36" | 120" | 94.50 | 43550 |
| 14 Ga. | 304 | 48" | 96" | 126.00 | 37394 |
| 14 Ga. | 304 | 48" | 120" | 100.80 | 38258 |
| 14 Ga. | 304 | 48" | 144" | 151.20 | 43570 |
| 14 Ga. | 304 | 60" | 96" | 126.00 | 38257 |
| 14 Ga. | 304 | 60" | 120" | 157.50 | 38729 |
| 14 Ga. | 304 | 60" | 144" | 189.00 | 43568 |
| 13 Ga. | 304 | 48" | 96" | 120.96 | 43536 |

STAINLESS STEEL SHEET

304/304L

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 12 Ga. | 304 | 36" | 96" | 105.84 | 43522 |
| 12 Ga. | 304 | 36" | 120" | 132.30 | 43523 |
| 12 Ga. | 304 | 36" | 144" | 158.76 | 43524 |
| 12 Ga. | 304 | 48" | 96" | 141.12 | 38259 |
| 12 Ga. | 304 | 48" | 120" | 176.40 | 38732 |
| 12 Ga. | 304 | 48" | 144" | 211.68 | 43527 |
| 12 Ga. | 304/304L | 60" | 96" | 176.40 | 39529 |
| 12 Ga. | 304/304L | 60" | 120" | 220.50 | 37399 |
| 12 Ga. | 304 | 60" | 144" | 264.60 | 43528 |
| 11 Ga. | 304/304L | 48" | 96" | 161.28 | 38185 |
| 11 Ga. | 304/304L | 48" | 120" | 201.60 | 37395 |
| 11 Ga. | 304/304L | 60" | 120" | 252.00 | 37400 |
| 10 Ga. | 304L | 48" | 96" | 181.44 | 38405 |
| 10 Ga. | 304 | 48" | 96" | 181.44 | 43492 |
| 10 Ga. | 304L | 48" | 120" | 226.80 | 37401 |
| 10 Ga. | 304 | 48" | 120" | 226.80 | 51377 |
| 10 Ga. | 304 | 60" | 96" | 226.80 | 43494 |
| 10 Ga. | 304L | 60" | 120" | 283.50 | 37402 |
| 10 Ga. | 304 | 60" | 120" | 283.50 | 51378 |
| 7 Ga. | 304 | 48" | 96" | 251.87 | 43805 |
| 7 Ga. | 304L | 48" | 120" | 314.84 | 45331 |
| 7 Ga. | 304 | 48" | 120" | 314.84 | 43806 |
| 7 Ga. | 304 | 60" | 96" | 393.55 | 45330 |
| 7 Ga. | 304L | 60" | 120" | 393.55 | 37403 |
| 7 Ga. | 304 | 60" | 120" | 393.55 | 45329 |

INQUIRE REGARDING: Available finishes (2B, #4, polished) and protective covering options

STAINLESS STEEL SHEET

430

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|--------|-------------|-------|--------|---------------|--------|
| 24 Ga. | 430 | 48" | 120" | 39.61 | 43793 |
| 22 Ga. | 430 | 48" | 96" | 39.61 | 43776 |
| 22 Ga. | 430 | 48" | 120" | 49.51 | 43777 |
| 20 Ga. | 430 | 36" | 120" | 44.56 | 43739 |
| 20 Ga. | 430 | 48" | 96" | 47.53 | 43741 |
| 20 Ga. | 430 | 48" | 120" | 59.41 | 43742 |
| 20 Ga. | 430 | 60" | 96" | 59.41 | 43744 |
| 20 Ga. | 430 | 60" | 120" | 74.26 | 43745 |
| 18 Ga. | 430 | 36" | 120" | 59.41 | 43675 |
| 18 Ga. | 430 | 36" | 144" | 71.29 | 43676 |
| 18 Ga. | 430 | 48" | 96" | 63.37 | 43677 |
| 18 Ga. | 430 | 48" | 120" | 79.21 | 43678 |
| 18 Ga. | 430 | 48" | 144" | 95.05 | 43679 |
| 16 Ga. | 430 | 48" | 120 | 99.01 | 43615 |
| 11 Ga. | 430 | 48" | 96" | 161.28 | 43512 |

INQUIRE REGARDING: Available finishes (2B, #4, polished) and protective covering options

COLL

COIL SPECIFICATIONS

We stock a wide variety of coils and can provide pup coils to ID/OD/Weight, conventional leveling to length, slitting to width, blanking to size, and cold reduction temper leveling to lengths of up to 60+ feet.

Our in-house chemical, mechanical, and Charpy testing capabilities combined with ASTM involvement and rigorous material validation processes allow us to certify our coil products to the most current ASTM coil and sheet standards as well as structural plate specifications with confidence.

Please see typical stock specification and Grade information under the Sheet and Plate sections in this book.

*All coil products can be cut to sheet.

STAINLESS TOLERANCE RANGES

| Stainless Steel | | | | |
|----------------------------|--------------------|----------------------|------------------------|------------|
| Thickness Tolerance Ranges | | | | |
| Gauge No. | Decimal Equivalent | Tolerance Plus/Minus | Pounds Per Square Foot | |
| | | | 300 Series | 400 Series |
| 7 | .1875 | .007 | 7.90 | 7.76 |
| 8 | .1650 | .007 | 6.93 | 6.81 |
| 10 | .1350 | .005 | 5.67 | 5.57 |
| 11 | .1200 | .005 | 5.04 | 4.95 |
| 12 | .1050 | .004 | 4.41 | 4.33 |
| 13 | .0900 | .004 | 3.78 | 3.71 |
| 14 | .0750 | .003 | 3.15 | 3.09 |
| 16 | .0600 | .003 | 2.52 | 2.48 |
| 18 | .0480 | .003 | 2.02 | 1.98 |
| 19 | .0420 | .0025 | 1.76 | 1.73 |
| 20 | .0360 | .002 | 1.51 | 1.49 |
| 22 | .0300 | .002 | 1.26 | 1.24 |
| 24 | .0240 | .002 | 1.01 | .990 |
| 26 | .0180 | .0015 | .756 | .743 |
| 28 | .0150 | .001 | .630 | .619 |

STAINLESS STEEL COIL

301

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------|-------|-------------|--------|
| 22 Ga. | 301 | 48" | 1.260 | 43087 |
| 22 Ga. | 301 | 60" | 1.260 | 43088 |
| 20 Ga. | 301 | 48" | 1.512 | 43045 |
| 20 Ga. | 301 | 60" | 1.512 | 43046 |
| 18 Ga. | 301 | 36" | 2.016 | 42988 |
| 18 Ga. | 301 | 48" | 2.016 | 42989 |
| 18 Ga. | 301 | 60" | 2.016 | 42990 |
| 16 Ga. | 301 | 36" | 2.520 | 42947 |
| 16 Ga. | 301 | 48" | 2.520 | 42949 |
| 16 Ga. | 301 | 60" | 2.520 | 42950 |
| 14 Ga. | 301 | 36" | 3.150 | 42921 |
| 14 Ga. | 301 | 48" | 3.150 | 42922 |

STAINLESS STEEL COIL

304/304L

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------|-------|-------------|--------|
| 26 Ga. | 304 DULL | 48" | 0.757 | 45131 |
| 26 Ga. | 304 | 36" | 0.757 | 43137 |
| 24 Ga. | 304 DULL | 48" | 1.009 | 45130 |
| 24 Ga. | 304 | 36" | 1.009 | 43113 |
| 24 Ga. | 304 | 48" | 1.009 | 43114 |
| 22 Ga. | 304 | 36" | 1.260 | 43101 |
| 22 Ga. | 304 | 48" | 1.260 | 43102 |
| 22 Ga. | 304L | 60" | 1.260 | 43099 |
| 20 Ga. | 304/304L | 60" | 1.512 | 43061 |
| 18 Ga. | 304/304L | 36" | 2.016 | 43000 |
| 18 Ga. | 304 | 48" | 2.016 | 43001 |
| 18 Ga. | 304 | 60" | 2.016 | 43002 |
| 16 Ga. | 304 | 36" | 2.520 | 42961 |
| 16 Ga. | 304 | 48" | 2.520 | 42962 |
| 16 Ga. | 304 | 60" | 2.520 | 42964 |
| 16 Ga. | 304L | 48" | 2.520 | 42965 |
| 16 Ga. | 304L | 60" | 2.520 | 42966 |
| 14 Ga. | 304 | 36" | 3.150 | 42930 |
| 14 Ga. | 304 | 48" | 3.150 | 42927 |
| 14 Ga. | 304L | 48" | 3.150 | 42933 |
| 14 Ga. | 304 | 60" | 3.150 | 42932 |
| 13 Ga. | 304 | 48" | 3.780 | 42919 |
| 12 Ga. | 304 | 36" | 4.410 | 42901 |
| 12 Ga. | 304 | 48" | 4.410 | 42902 |
| 12 Ga. | 304 | 60" | 4.410 | 42904 |
| 12 Ga. | 304L | 60" | 4.410 | 42906 |
| 11 Ga. | 304 | 48" | 5.040 | 42886 |
| 10 Ga. | 304 | 48" | 5.670 | 42878 |
| 10 Ga. | 304 | 60" | 5.670 | 42879 |
| 3/16" | 304/304L | 48" | 7.660 | 39791 |
| 3/16" | 304/304L | 60" | 7.660 | 39792 |
| 1/4" | 304/304L | 48" | 10.210 | 39793 |
| 1/4" | 304/304L | 60" | 10.210 | 39012 |
| 3/8" | 304/304L | 48" | 15.320 | 39794 |
| 3/8" | 304/304L | 60" | 15.320 | 39795 |

STAINLESS STEEL COIL

316L

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------|-------|-------------|--------|
| 24 Ga. | 316L | 48" | 1.009 | 43123 |
| 18 Ga. | 316L | 48" | 2.016 | 43015 |
| 18 Ga. | 316L | 60" | 2.016 | 43016 |
| 16 Ga. | 316L | 36" | 2.520 | 42977 |
| 16 Ga. | 316L | 48" | 2.520 | 42978 |
| 16 Ga. | 316L | 60" | 2.520 | 42979 |
| 14 Ga. | 316L | 48" | 3.150 | 46012 |
| 14 Ga. | 316L | 60" | 3.150 | 42943 |
| 12 Ga. | 316L | 48" | 4.410 | 42915 |
| 11 Ga. | 316L | 60" | 5.040 | 42891 |
| 10 Ga. | 316L | 60" | 5.670 | 42882 |

STAINLESS STEEL COIL

430

| Gauge | Description | Width | Wt./Sq. Ft. | Item # |
|--------|-------------|-------|-------------|--------|
| 24 Ga. | 430 | 36" | 0.990 | 43127 |
| 24 Ga. | 430 | 48" | 0.990 | 43128 |
| 22 Ga. | 430 | 48" | 1.237 | 43105 |
| 20 Ga. | 430 | 36" | 1.485 | 43077 |
| 20 Ga. | 430 | 48" | 1.485 | 43079 |
| 20 Ga. | 430 | 60" | 1.485 | 43080 |
| 18 Ga. | 430 | 36" | 1.980 | 45122 |
| 18 Ga. | 430 | 48" | 1.980 | 43022 |
| 18 Ga. | 430 | 60" | 1.980 | 43023 |
| 16 Ga. | 430 | 48" | 2.475 | 42983 |
| 14 Ga. | 430 | 48" | 3.094 | 42945 |
| 11 Ga. | 430 | 48" | 4.950 | 42894 |

FLATS

FLATS SPECIFICATIONS

Stainless Steel Flats

Most of our stock Stainless Steel Flats are certified to ASTM A276 Type 304. Some are also available in the extra low carbon Grade of Type 304L to help with welded applications in severely corrosive environments.

STAINLESS STEEL FLATS

Type 304—Gauer Bar

| Size | Lbs./Ft. | Lbs./12' | Item # |
|--------------|----------|----------|--------|
| 1/8 X 1 | .429 | 5.15 | 37371 |
| 1/8 X 1 1/4 | .531 | 6.37 | 39039 |
| 1/8 X 1 1/2 | .643 | 7.72 | 37372 |
| 1/8 X 2 | .858 | 10.30 | 37373 |
| 1/8 X 2 1/4 | 1.08 | 12.96 | 45137 |
| 1/8 X 3 | 1.27 | 15.30 | 39840 |
| 3/16 X 1 | .641 | 7.70 | 37374 |
| 3/16 X 1 1/4 | .797 | 9.56 | 43185 |
| 3/16 X 1 1/2 | .962 | 11.55 | 37375 |
| 3/16 X 1 3/4 | 1.26 | 15.12 | 43189 |
| 3/16 X 2 | 1.28 | 15.40 | 45143 |
| 3/16 X 3 | 1.92 | 23.10 | 37377 |
| 1/4 X 3/4 | .698 | 8.38 | 43194 |
| 1/4 X 1 | .858 | 10.30 | 37379 |
| 1/4 X 1 1/2 | 1.28 | 15.44 | 37380 |
| 1/4 X 1 7/8 | 1.74 | 20.92 | 43206 |
| 1/4 X 2 | 1.71 | 20.59 | 37381 |
| 1/4 X 3 | 2.55 | 30.60 | 37382 |
| 1/4 X 4 | 3.40 | 40.80 | 37383 |
| 1/4 X 6 | 5.10 | 61.20 | 37747 |
| 5/16 X 2 | 2.16 | 25.95 | 45146 |
| 3/8 X 1 | 1.28 | 15.36 | 37385 |
| 3/8 X 1 1/2 | 1.93 | 23.27 | 37384 |
| 3/8 X 2 | 2.55 | 30.60 | 37386 |
| 3/8 X 3 | 3.86 | 46.32 | 37387 |
| 3/8 X 4 | 5.10 | 61.20 | 37388 |
| 3/8 X 6 | 7.65 | 91.80 | 45151 |
| 1/2 X 4 | 6.80 | 81.60 | 45152 |

INQUIRE REGARDING: Other grades & sizes

PIPE & TUBE

PIPE SPECIFICATIONS

Stainless Steel Pipe

Our stock Stainless Steel Pipe is dual certified to ASTM A312 Type 304 and the extra low carbon Grade of 304L to help with welded applications. These products have welded seams and are pressure tested for piping applications in corrosive environments.

STAINLESS STEEL PIPE P.E.

Tested—Schedule 40

Type 304/304L



| Size Inches | Outside Diameter | Inside Diameter | Wall Thickness | Lbs. Per Ft. | Item # |
|-------------|------------------|-----------------|----------------|--------------|--------|
| | A | | B | | |
| 3/4 | 1.050 | .824 | .113 | 1.13 | 37964 |
| 1 | 1.312 | 1.046 | .133 | 1.68 | 37963 |
| 1 1/4 | 1.660 | 1.380 | .140 | 2.27 | 37962 |
| 1 1/2 | 1.900 | 1.610 | .145 | 2.72 | 37961 |
| 2 | 2.375 | 2.067 | .154 | 3.65 | 37960 |

PIPE

Dimensions and Weights over Nominal

Permissible Variation

Weight

Outside Diameter: 1/8" to 1 1/2"
2" and larger

Wall Thickness

Over

5%
1/64"
1%
-

Under

5%
1/32"
1%
12.5%

TUBING SPECIFICATIONS

Stainless Steel Square Tubing

Our stock Stainless Steel Square Tubing is generally for mechanical applications and is certified to ASTM A554 Type 304. These products are typically not tensile tested for structural use but do provide good corrosion resistance for a variety of industrial applications.

STAINLESS SQUARE TUBE

Type 304



| Size | | | Gauge | Wt. Lbs./Ft. | Wt. Lbs./20' | Item # |
|-------|---|-------|-----------|-----------------|-----------------|--------|
| A | | | B | | | |
| 1 | X | 1 | 18 Ga. | 0.630 | 12.60 | 43854 |
| 1 | X | 1 | 18 Ga. #4 | 0.630 | 12.60 | 43855 |
| 1 | x | 1 | 16 Ga. #4 | 0.826 | 16.53 | 43853 |
| 1 | X | 1 | 11 Ga. | 1.436 | 28.72 | 39190 |
| 1 1/4 | X | 1 1/4 | 18 Ga. #4 | 0.800 | 16.00 | 43838 |
| 1 1/4 | X | 1 1/4 | 16 Ga. | 1.047 | 20.94 | 37172 |
| 1 1/4 | X | 1 1/4 | 16 Ga. #4 | 1.047 | 20.94 | 43836 |
| 1 1/4 | X | 1 1/4 | 11 Ga. | 1.840 | 36.80 | 51405 |
| 1 1/2 | X | 1 1/2 | 18 Ga. | 0.969 | 19.40 | 43846 |
| 1 1/2 | X | 1 1/2 | 11 Ga. | 2.252 | 45.04 | 37832 |
| 1 3/4 | X | 1 3/4 | 11 Ga. | 2.660 | 53.20 | 51407 |
| 2 | X | 2 | 11 Ga. | 3.050 | 61.00 | 37831 |

PLATE

PLATE SPECIFICATIONS

Stainless Steel Plate

Our stock Stainless Steel Plates are dual certified to ASTM A240 Type 304 and the extra low carbon Grade of 304L to help with welded applications. The hot rolled, annealed, and pickled #1 finish provides a scale free surface ready for fabricating and the mandatory 30 KSI minimum yield strength / 75 KSI minimum tensile strength allows for structural use for this corrosion resistant product.

STAINLESS STEEL PLATE

304/304L

| Gauge | Description | Width | Length | Wt. Per Piece | Item # |
|-------|-------------|-------|--------|---------------|--------|
| 3/16" | 304L | 48" | 96" | 274 | 38908 |
| 3/16" | 304L | 48" | 120" | 343 | 38451 |
| 3/16" | 304L | 60" | 120" | 429 | 38734 |
| 1/4" | 304 | 48" | 48" | 179 | 45157 |
| 1/4" | 304L | 48" | 96" | 357 | 43280 |
| 1/4" | 304L | 48" | 120" | 446 | 37852 |
| 1/4" | 304L | 60" | 96" | 450 | 45160 |
| 1/4" | 304L | 60" | 120" | 558 | 39178 |
| 3/8" | 304L | 48" | 96" | 528 | 45158 |
| 3/8" | 304/304L | 48" | 120" | 660 | 38733 |
| 3/8" | 304/304L | 60" | 120" | 825 | 38221 |
| 1/2" | 304L | 48" | 96" | 693 | 45159 |
| 1/2" | 304L | 48" | 120" | 866 | 40727 |
| 1/2" | 304L | 60" | 120" | 1083 | 39260 |

INQUIRE REGARDING: Other grades & sizes

ROUNDS

ROUNDS SPECIFICATIONS

Stainless Steel Rounds

Our stock Stainless Steel Rounds are certified to multiple standards and alloy types, ranging from ASTM A276 Type 304 and Type 316, in both the traditional Grade and the extra low carbon "L" Grades, to the free machining ASTM A582 in Types 303 and 416, depending on the diameter and your application. We also carry some age hardening ASTM A564 Type 17-4 in a few larger diameters. Type 304 is the most widely used, while Type 316 offers higher strength and corrosion resistance. The 300 series rounds are nonhardenable and nonmagnetic, while the 400 series can be heat treated and has magnetic properties.

STAINLESS STEEL ROUNDS

Type 303, 304/304L, 316/316L, 416, 410, 630

| Size | Lbs./Ft. | Lbs./12' | Item # |
|-------|----------|----------|--------|
| 1/8 | .041 | .500 | 38263 |
| 3/16 | .094 | 1.128 | 39528 |
| 1/4 | .168 | 2.020 | 37361 |
| 5/16 | .263 | 3.157 | 37362 |
| 3/8 | .378 | 4.546 | 37363 |
| 1/2 | .668 | 8.016 | 43354 |
| 9/16 | .845 | 10.140 | 43356 |
| 5/8 | 1.052 | 12.628 | 37365 |
| 3/4 | 1.515 | 18.185 | 37366 |
| 7/8 | 2.040 | 24.480 | 51359 |
| 1 | 2.694 | 32.329 | 37367 |
| 1 1/4 | 4.209 | 50.514 | 37368 |
| 1 1/2 | 6.061 | 72.741 | 37369 |
| 1 5/8 | 7.050 | 84.611 | 43383 |
| 1 3/4 | 8.180 | 98.136 | 43387 |
| 2 | 10.680 | 128.160 | 37370 |
| 2 3/8 | 15.080 | 180.960 | 43396 |
| 3 1/8 | 26.079 | 312.959 | 43404 |
| 3 1/4 | 28.209 | 338.519 | 43405 |
| 3 3/4 | 38.529 | 462.348 | 43409 |

BRASS

ROUNDS

ROUNDS SPECIFICATIONS

Brass Rounds

Most of our stock Brass Rounds are certified to ASTM B16 C360-H02. The superior machinability of these products makes them ideal for high-speed cutting, threading, or knurling processes. They are also easily soldered or brazed and provide good corrosion resistance. The half-hard temper offers a nice combination of mild strength and medium ductility for use in a variety of applications.

BRASS ROUNDS

360

| Size | Length | Wt. Per Piece | Item # |
|-------|--------|---------------|--------|
| 3/16" | 144" | 1.20 | 51443 |
| 1/4" | 144" | 2.16 | 51442 |
| 5/16" | 144" | 3.36 | 51448 |
| 3/8" | 144" | 4.80 | 51446 |
| 7/16" | 144" | 6.60 | 51452 |
| 1/2" | 144" | 8.64 | 51441 |
| 9/16" | 144" | 10.92 | 51455 |
| 5/8" | 144" | 13.44 | 51450 |
| 3/4" | 144" | 19.44 | 51445 |
| 7/8" | 120" | 26.64 | 51454 |
| 1" | 144" | 34.68 | 51440 |

PROCESSING CAPABILITIES

MACHINE CAPABILITIES

2D & 3D Tube Lasers

Our tube lasers can cut from 1/2" to 24" sections up to 3/4" thick mild steel or 1/4" stainless steel and aluminum.

Coil Processing

We have multiple coil processing machines throughout all of our facilities. Capabilities may vary based on the specific machine. Standard processing is 26 gauge by 36" wide to 5/8" by 96" wide or 3/4" by 60" wide.

Flame Cutting

Our Flame Cutting Systems can cut up to 6" by 144" by 576".

Flat CO2 Laser

Our Flat CO2 Lasers can cut up to 1" by 156" by 576" in mild steel, stainless steel, & aluminum.

Flat Fiber Laser

Our Flat Fiber Lasers can cut up to 1" by 132" by 576" in mild steel, stainless steel, & aluminum.

Plasma Cutting

Our Plasma Cutting Systems can cut up to 3" by 120" by 600". Some machines include bevel cutting.

Coil Polishing

Our coil polishing machine is located in our New Jersey facility. It can process stainless steel coils 0.016" to 0.12" thick and 18" to 60" max widths.

Press Breaks

Our Press Break capabilities range from 65-1500 tons and 336" with up to 6-axis back gauges.

Saw Cutting

Our saw cutting capabilities can cut straight sections of 24" by 39" and Milter cutting capabilities can cut up to 24" at 45 deg., or 16" at 60 deg.

Slitting

Our slitting capabilities range from 0.012" to 0.140" thick, with widths from 1" to 63" max.

Waterjet Cutting

Our Waterjet Cutting Systems can cut up to 10" by 72" by 120".

OTHER PRODUCTS AVAILABLE

HARDOX Wearparts Partner

Cd'A Metals is a HARDOX Wearparts Partner. Scan below to learn more.

HARDOX[®]

WEARPARTS



HARDOX WEARPARTS

Ornamental Iron

Cd'A Metals offers one of the largest selections of ornamental iron in the Inland Northwest.

Scan below to view the full ornamental iron product offering, and contact your sales representative for more information.



ORNAMENTAL IRON

USEFUL INFORMATION

ABBREVIATIONS

| Abbreviation | Meaning |
|--------------|--|
| ASTM | American Society for Testing and Materials |
| CTD | Chem treat dry |
| CTD UL | Chem treat dry—underwriters' laboratories |
| CTD XS | Chem treat dry—extra smooth |
| NCTD | Non-chem treat dry |
| GR | Grade |
| HSLA | High Strength, Low Alloy |
| KSI | 1,000 pounds per square inch. |
| ME | Mill Edge |
| M&O | Matte & oiled |
| P&O | Pickled & oiled |
| PTD | Painted |
| RoHS | Restriction of Hazardous Substances |
| TP | Temper passed |
| ID | Inside diameter |
| OD | Outside diameter |
| Mm. | Millimeters |
| In. | Inches |
| Ft. | Foot |
| Lbs. | Pounds |
| Wt. | Weight |

DECIMAL EQUIVALENTS

| | |
|--------------------|--------------------|
| 1/64 ~~~ .015625 | 33/64 ~~~ .515625 |
| 1/32 ~~~~~ .03125 | 17/32 ~~~~~ .53125 |
| 3/64 ~~~ .046875 | 35/64 ~~~ .546875 |
| 1/16 ~~~~~ .0625 | 9/16 ~~~~~ .5625 |
| 5/64 ~~~ .078125 | 37/64 ~~~ .578125 |
| 3/32 ~~~~~ .09375 | 19/32 ~~~~~ .59375 |
| 7/64 ~~~ .109375 | 39/64 ~~~ .609375 |
| 1/8 ~~~~~ .125 | 5/8 ~~~~~ .625 |
| 9/64 ~~~ .140625 | 41/64 ~~~ .640625 |
| 5/32 ~~~~~ .15625 | 21/32 ~~~~~ .65625 |
| 11/64 ~~~ .171875 | 43/64 ~~~ .671875 |
| 3/16 ~~~~~ .1875 | 11/16 ~~~~~ .6875 |
| 13/64 ~~~ .203125 | 45/64 ~~~ .703125 |
| 7/32 ~~~~~ .21875 | 23/32 ~~~~~ .71875 |
| 15/64 ~~~ .234375 | 47/64 ~~~ .734375 |
| 1/4 ~~~~~ .25 | 3/4 ~~~~~ .75 |
| 17/64 ~~~ .265625 | 49/64 ~~~ .765625 |
| 9/32 ~~~~~ .28125 | 25/32 ~~~~~ .78125 |
| 19/64 ~~~ .296875 | 51/64 ~~~ .796875 |
| 5/16 ~~~~~ .3125 | 13/16 ~~~~~ .8125 |
| 21/64 ~~~ .328125 | 53/64 ~~~ .828125 |
| 11/32 ~~~~~ .34375 | 27/32 ~~~~~ .84375 |
| 23/64 ~~~ .359375 | 55/64 ~~~ .859375 |
| 3/8 ~~~~~ .375 | 7/8 ~~~~~ .875 |
| 25/64 ~~~ .390625 | 57/64 ~~~ .890625 |
| 13/32 ~~~~~ .40625 | 29/32 ~~~~~ .90625 |
| 27/64 ~~~ .421875 | 59/64 ~~~ .921875 |
| 7/16 ~~~~~ .4375 | 15/16 ~~~~~ .9375 |
| 29/64 ~~~ .453125 | 61/64 ~~~ .953125 |
| 15/32 ~~~~~ .46875 | 31/32 ~~~~~ .96875 |
| 31/64 ~~~ .484375 | 63/64 ~~~ .984375 |
| 1/2 ~~~~~ .5 | 1 ~~~~~ 1.0 |

INCHES TO MILLIMETERS

How to convert: 1 inch = 25.4 millimeters

Example: 1/2 inch (.5 inches) x 25.4 = 12.7 millimeters

| Inches (") | Millimeters (mm) |
|------------|------------------|
| 0.01" | 0.254000 mm |
| 1/64" | 0.396875 mm |
| 1/32" | 0.793750 mm |
| 1/16" | 1.587500 mm |
| 0.1" | 2.540000 mm |
| 1/8" | 3.175 mm |
| 1/4" | 6.35 mm |
| 1/2" | 12.7 mm |
| 1" | 25.4 mm |
| 2" | 50.8 mm |
| 3" | 76.2 mm |
| 4" | 101.6 mm |
| 5" | 127.0 mm |
| 6" | 152.4 mm |
| 7" | 177.8 mm |
| 8" | 203.2 mm |
| 9" | 228.6 mm |
| 10" | 254.0 mm |
| 20" | 508.0 mm |
| 30" | 762.0 mm |
| 40" | 1016.0 mm |
| 50" | 1270.0 mm |
| 60" | 1524.0 mm |
| 70" | 1778.0 mm |
| 80" | 2032.0 mm |
| 90" | 2286.0 mm |
| 100" | 2540.0 mm |

AREA OF SHAPES

| | |
|--|--|
| CIRCUMFERENCE OF A CIRCLE | DIAMETER x 3.1416 |
| DIAMETER OF A CIRCLE | CIRCUMFERENCE x 0.31931 |
| AREA OF A CIRCLE | SQUARE OF DIAMETER x 0.7854 |
| AREA OF A RECTANGLE | LENGTH x BREADTH |
| AREA OF A TRIANGLE | BASE x 1/2 OF PERPENDICULAR HEIGHT |
| AREA OF AN ELLIPSE | PRODUCT OF BOTH DIAMETERS x 0.7854 |
| AREA OF A PARALLELOGRAM | BASE x ALTITUDE |
| SIDE OF AN EQUAL SQUARE | DIAMETER x 0.8862 |
| SIDE OF AN INSCRIBED SQUARE | DIAMETER x 0.7071 |
| OR | <i>CIRCUMFERENCE</i> x 0.2251 |
| OR | <i>CIRCUMFERENCE</i> ÷ 4.4428 |
| CUBIC INCHES IN A BALL | CUBE OF DIAMETER x 0.5236 |
| CUBIC CONTENTS OF A CONE | AREA OF BASE x 1/3 THE ALTITUDE |
| SURFACE OF FRUSTRUM OF CONE OR PYRAMID | SUM OF THE CIRCUMFERENCE OF BOTH ENDS x 1/2 SLANT HEIGHT + AREA OF BOTH ENDS |
| CONTENTS OF FRUSTRUM OF CONE OR PYRAMID | SQUARE ROOT OF PRODUCT OF THE AREA OF BOTH ENDS + AREA OF BOTH ENDS x 1/3 THE ALTITUDE |
| A SIDE OF AN INSCRIBED SQUARE EQUALS RADIUS OF A SPHERE x 1.1547 | |
| ONE CUBIC FOOT = 7.5 GALLONS | |
| DOUBLING THE DIAMETER OF A CIRCLE INCREASES ITS AREA FOUR TIMES. | |
| DOUBLING THE DIAMETER OF A PIPE INCREASES ITS CAPACITY FOUR TIMES. | |
| A SIDE OF A SQUARE x 1.4142 = THE DIAMETER OF ITS CIRCUMSCRIBING CIRCLE. | |

CONTACT US!

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GREELEY, CO

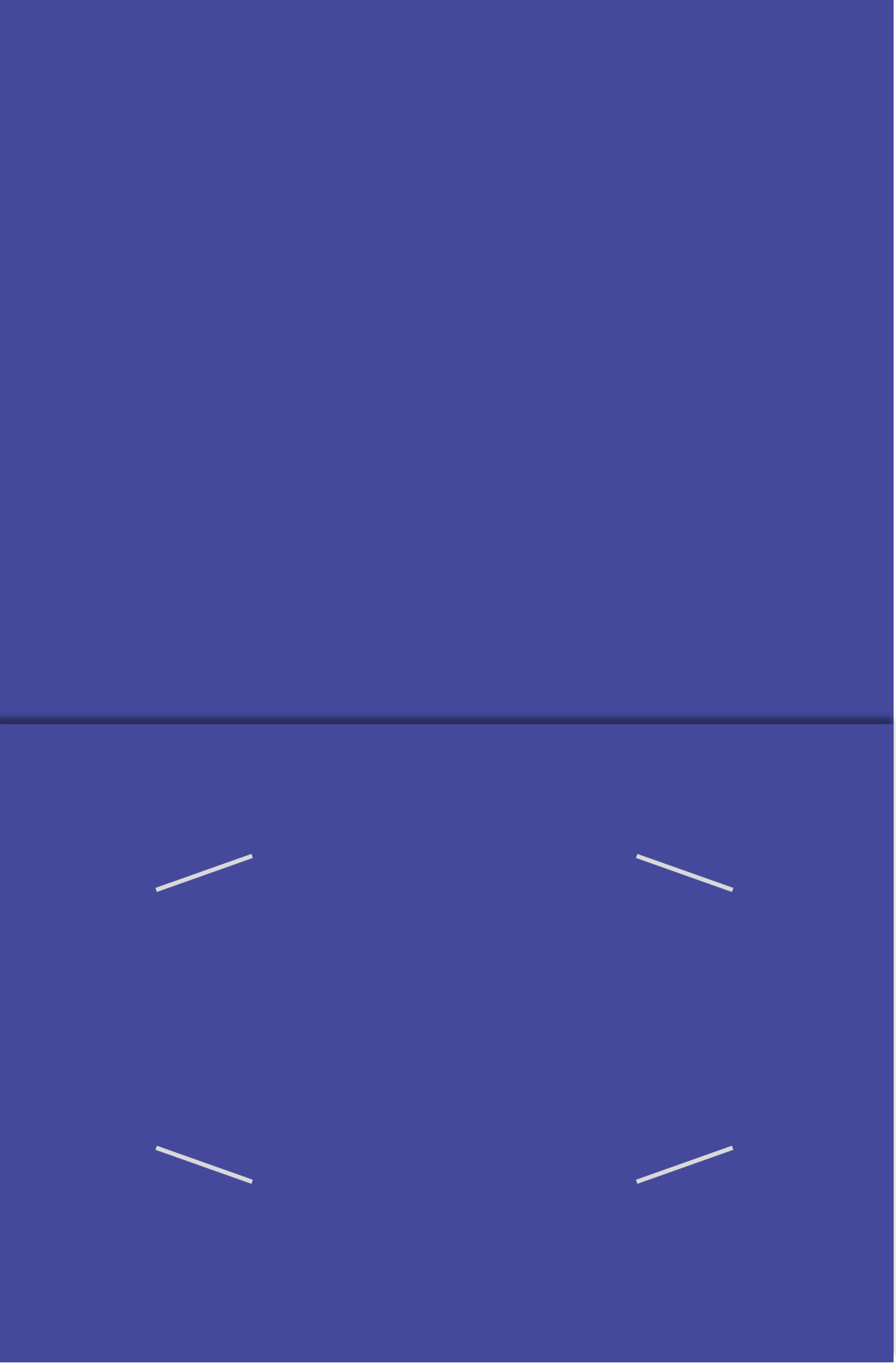
31181 WCR 39½
Greeley, CO 80632
Phone: 970.352.6722

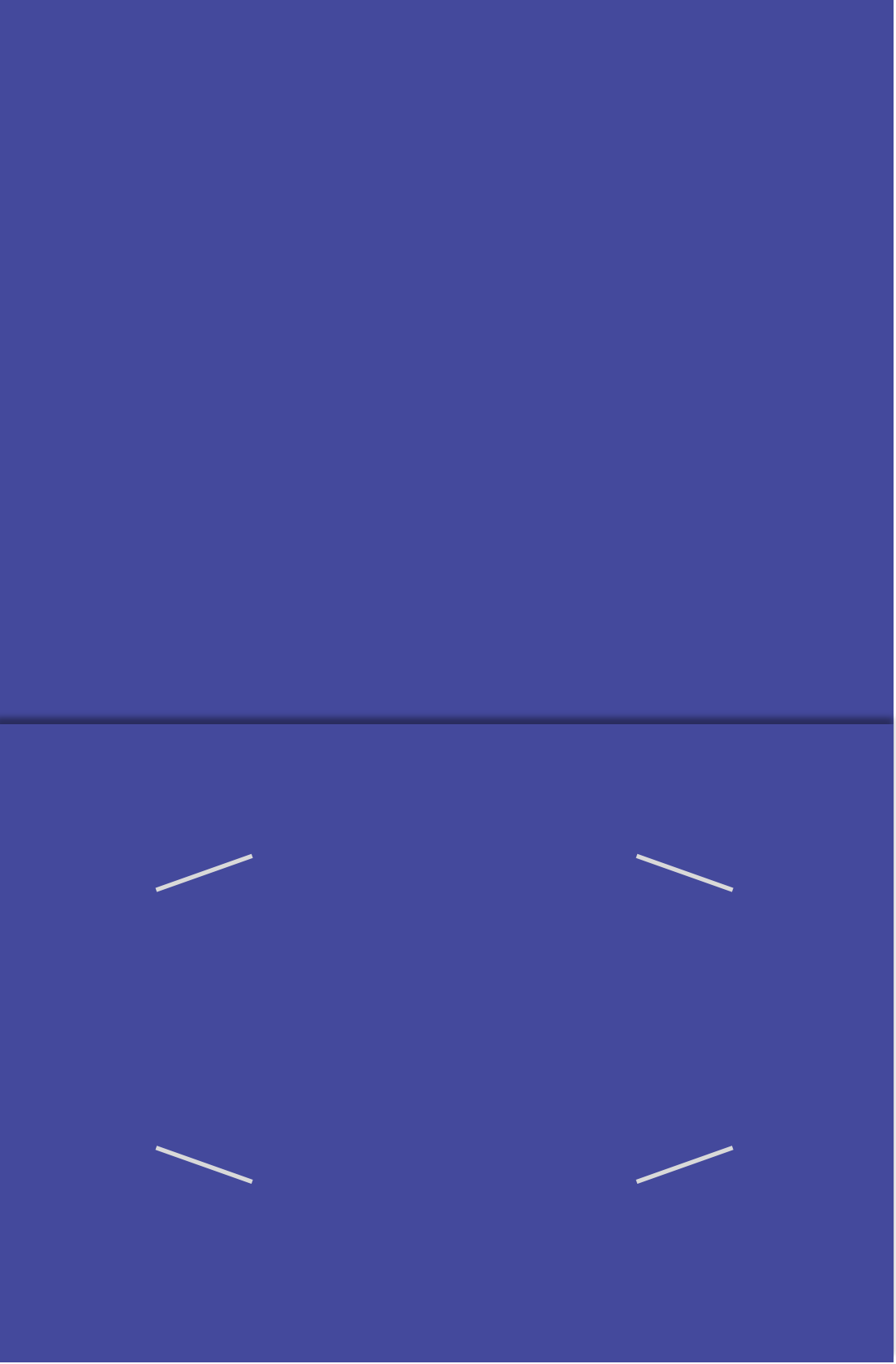
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Processing Facility
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Catoosa, OK 74015

ROCK ISLAND, IL

Processing Facility
4305 81st Avenue
Rock Island, IL 61201





NIM GROUP

QUALITY POLICY

We are committed to satisfying our customers (both internal and external) and to supporting the growth of our company through continual improvements.

QUALITY OBJECTIVE

To Do It Right the First Time!

NIM GROUP

PROCESSING CAPABILITIES

| | |
|----------------------------|------------------------------|
| ANGLE COPING | PRE-PRODUCTION PROCESSING |
| BLANKING | PRESS BRAKE |
| BENDING | PUNCHING |
| CHARPY TESTING | PUP COILS |
| COIL POLISHING | SAWING |
| CUT-TO-LENGTH | SAW MITERING |
| FLAME CUTTING | SHOT BLASTING |
| GALVANIZING | SLITTING |
| HARDNESS TESTING | STENCILING |
| LASER CUTTING | STRUCTURAL STEEL |
| OES CHEMICAL ANALYSIS | TEMPER LEVELING |
| PARTS KITTING AVAILABLE | TENSILE TESTING |
| PLATE BEVELING | TUBE & STRUCTURAL |
| PPAP & FAI | WATERJET |

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